

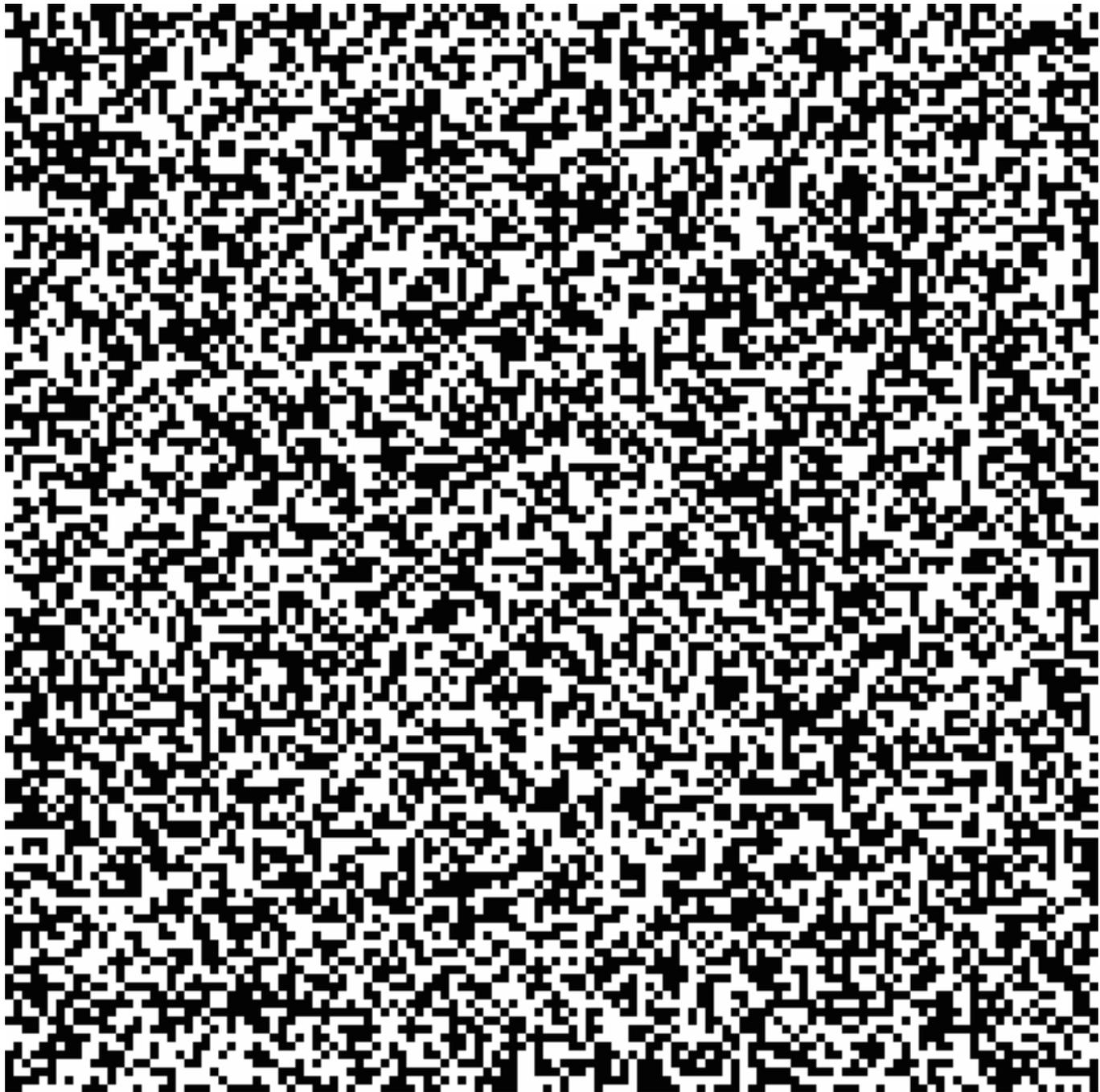
Un peu de « cryptomagie » (visuelle)

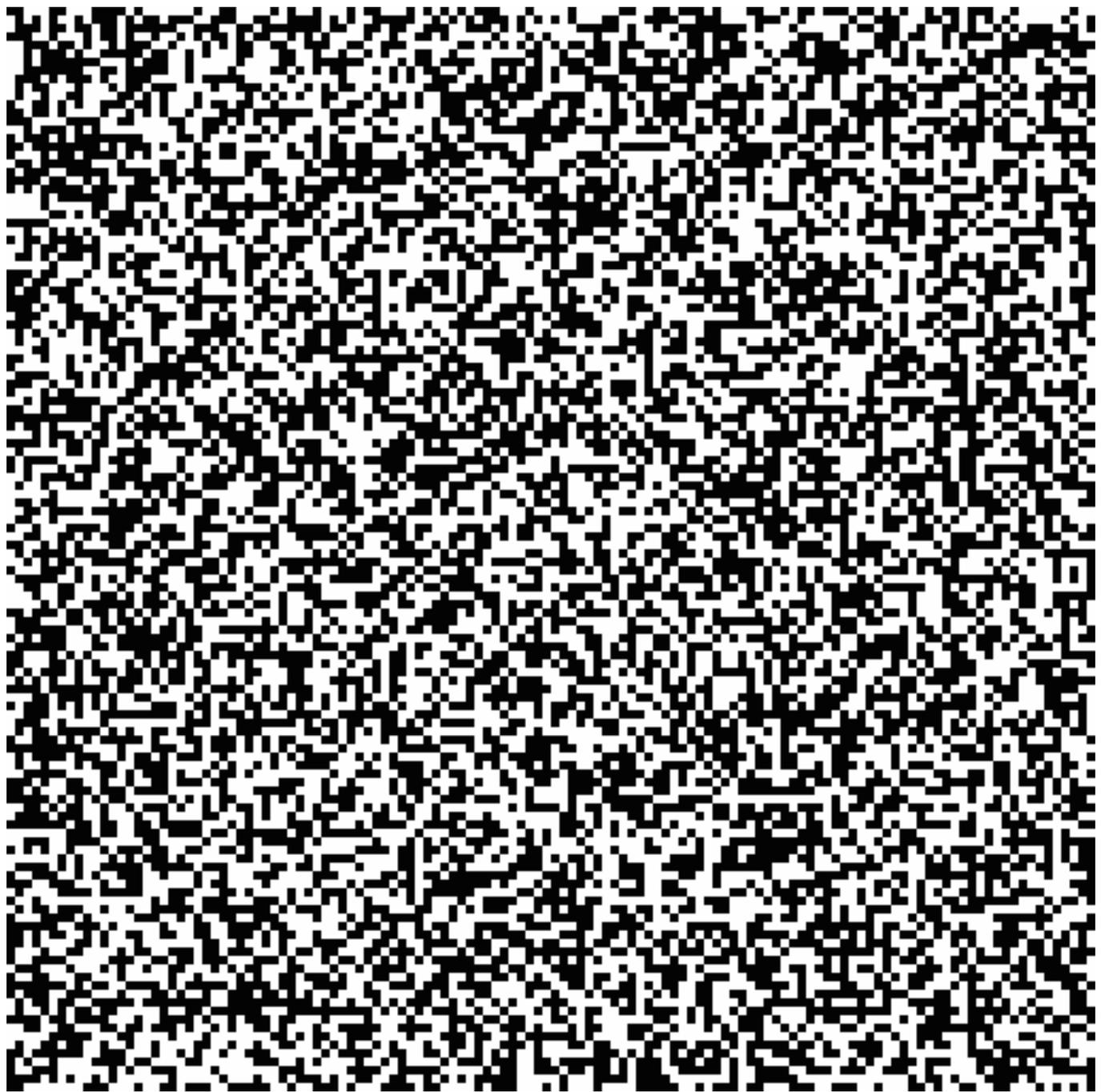
Renaud Sirdey
(renaud.sirdey@gmail.com)

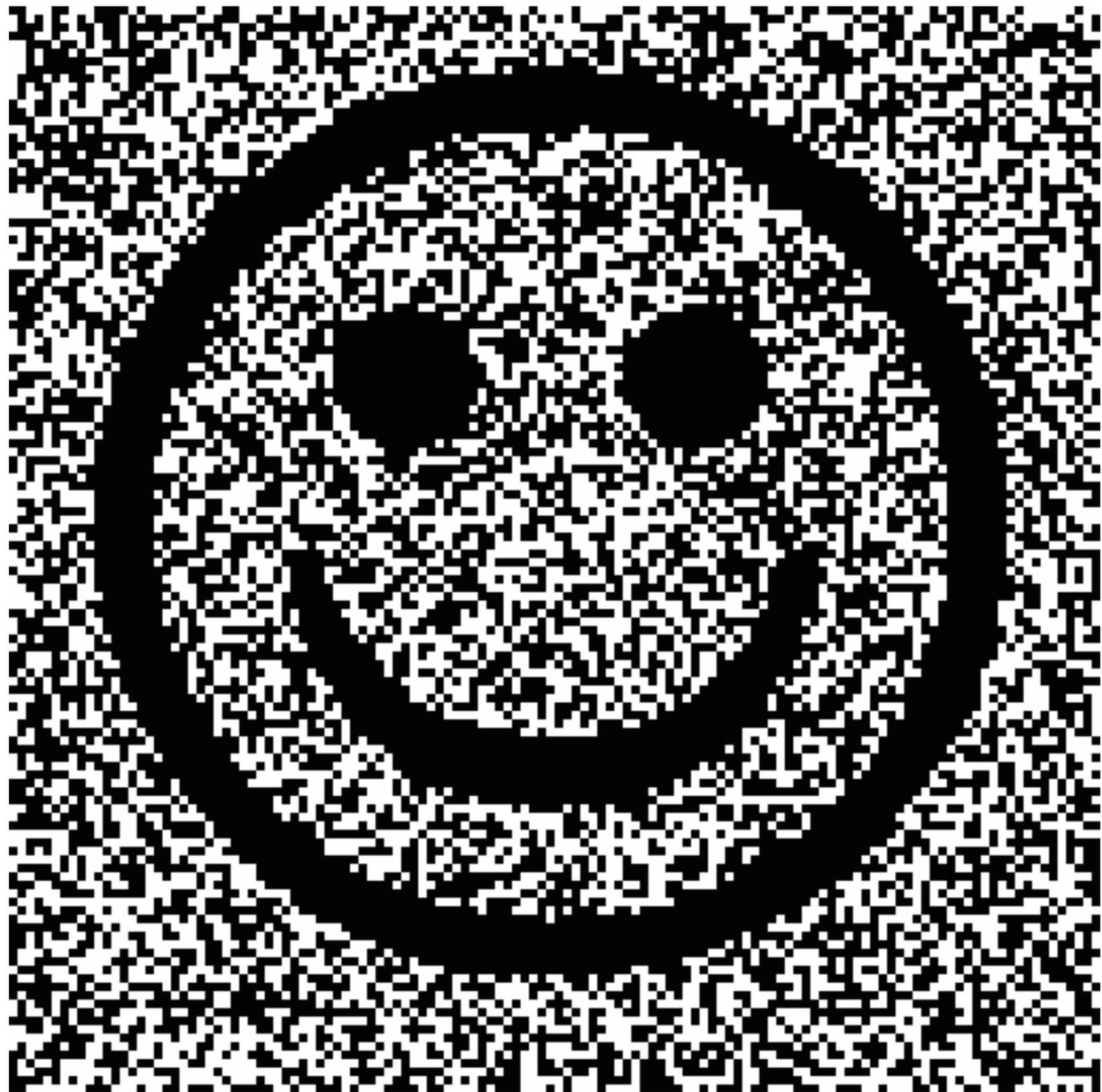
2016-17

Mode d'emploie

- Imprimer les diapos numérotées (1) et (2) sur des transparents, superposer les et vous verrez apparaître la diapo numérotée (3) correspondante.
- Prises seule à seule les diapos numérotées (1) et (2) ne révèlent rien sur la diapo numérotée (3) correspondante.
 - Y compris dans le 3^{ème} cas ci-après ou la superposition de deux ☹ donne un ☺.
- Principe : on fait ce que l'on appelle un « one time pad » en cryptographie sauf que l'on déchiffre à l'œil.
 - Au lieu de faire un ou-exclusif l'œil fait un ou-inclusif, donc se trompe 1 fois sur 4 dans les zones blanches de l'image sans toutefois que cela empêche le cerveau de voir l'image déchiffrée.





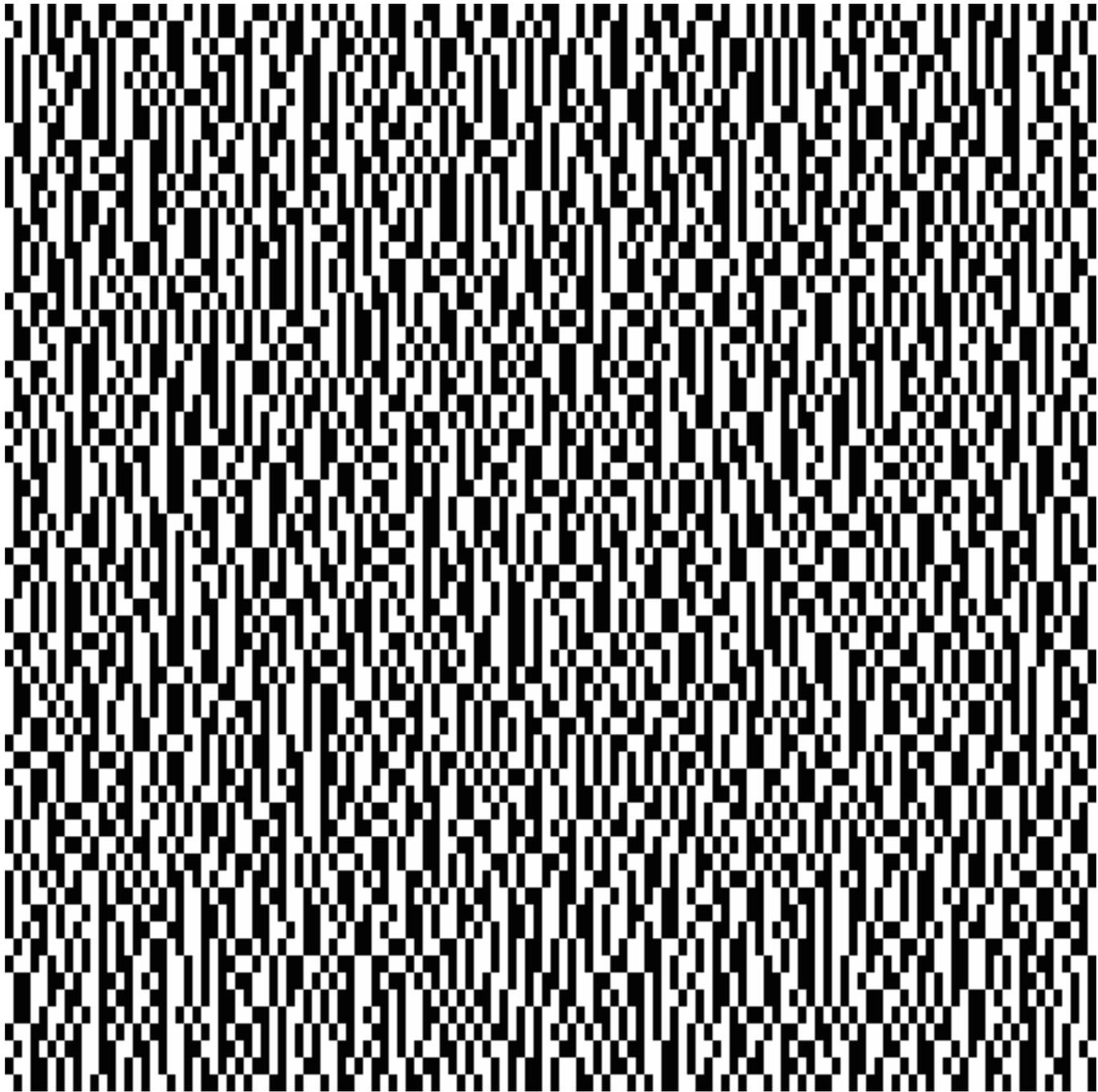


Validation expérimentale :



+

1

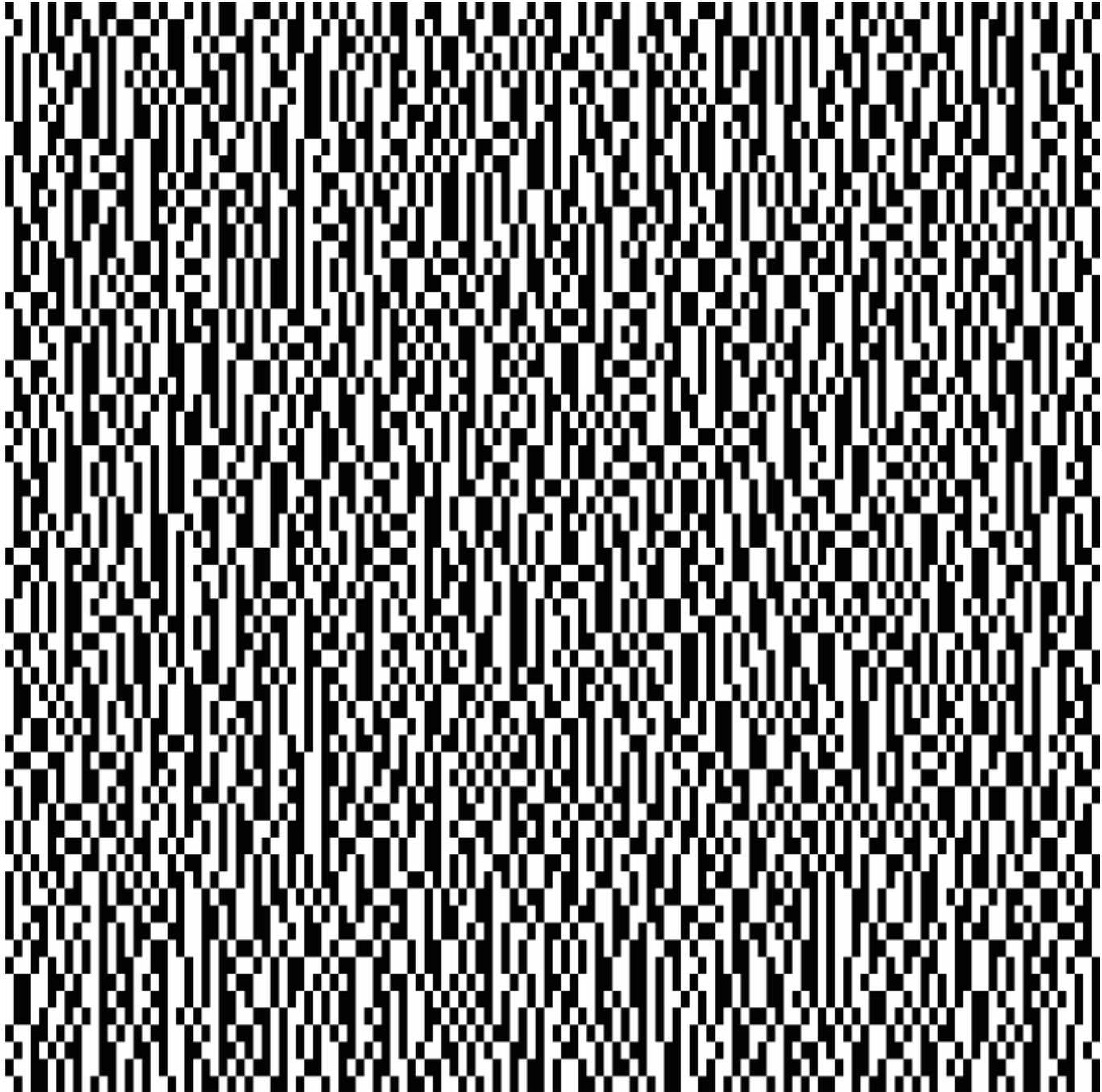


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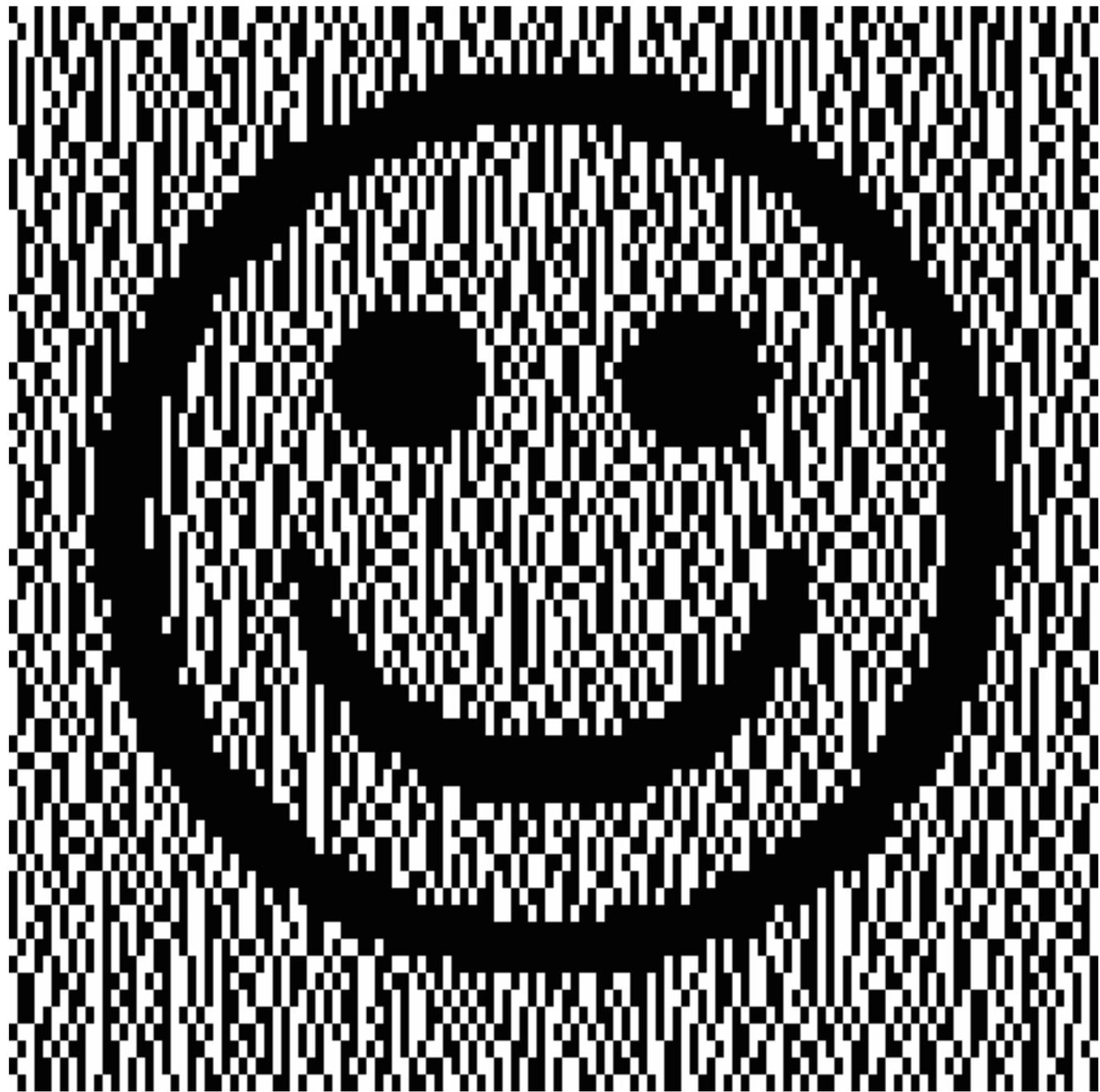
+

2

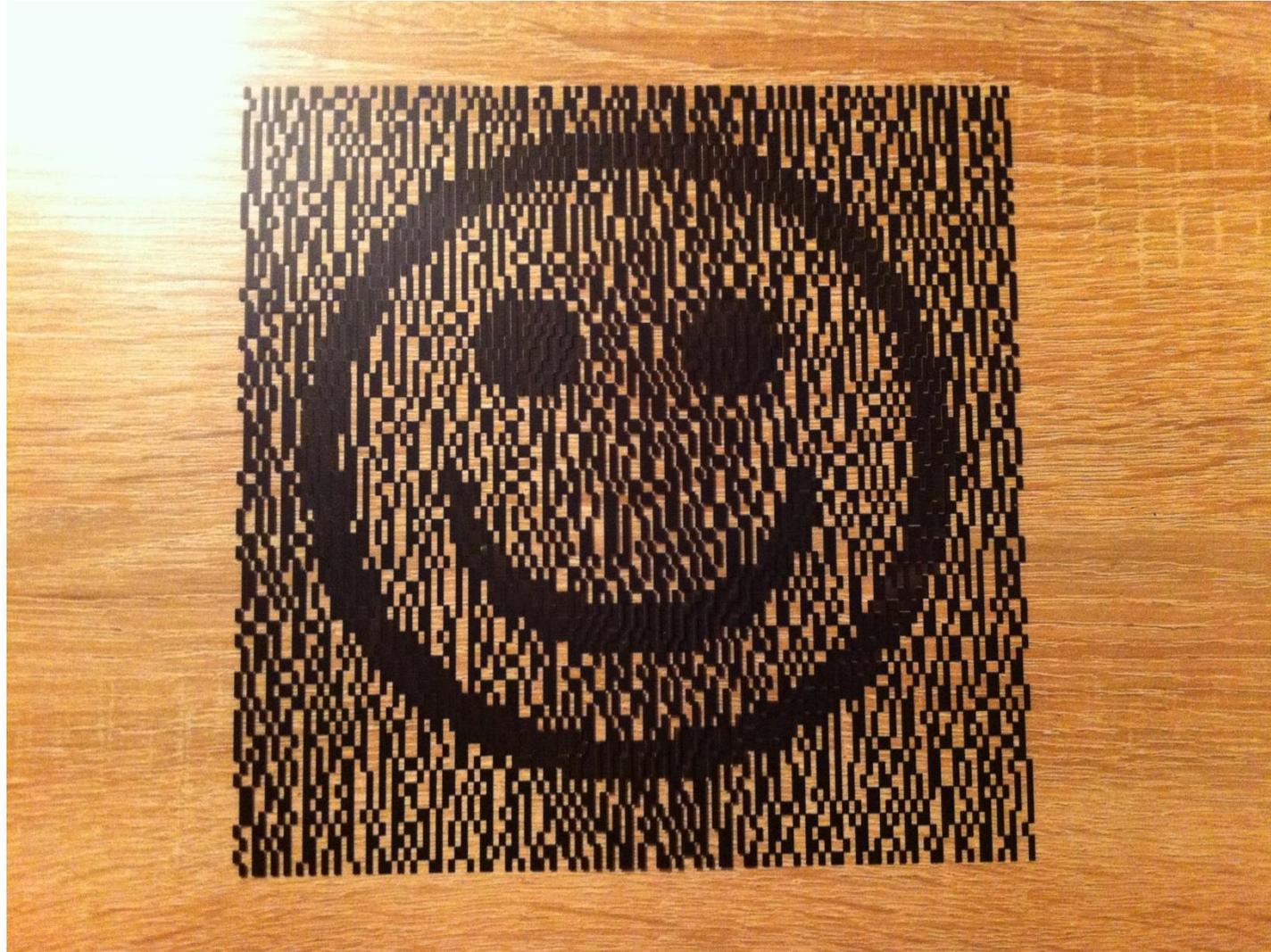


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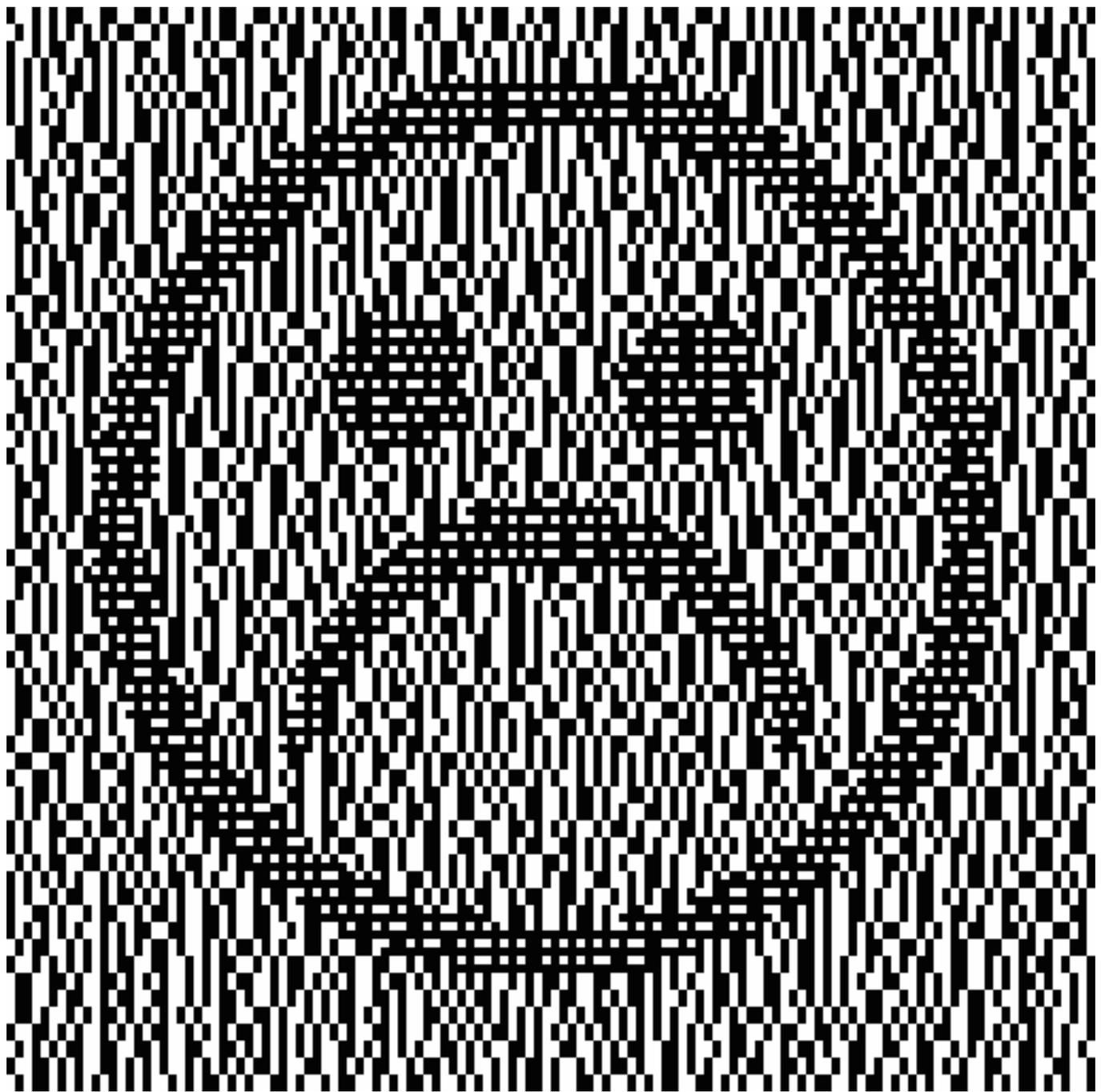


Validation expérimentale :

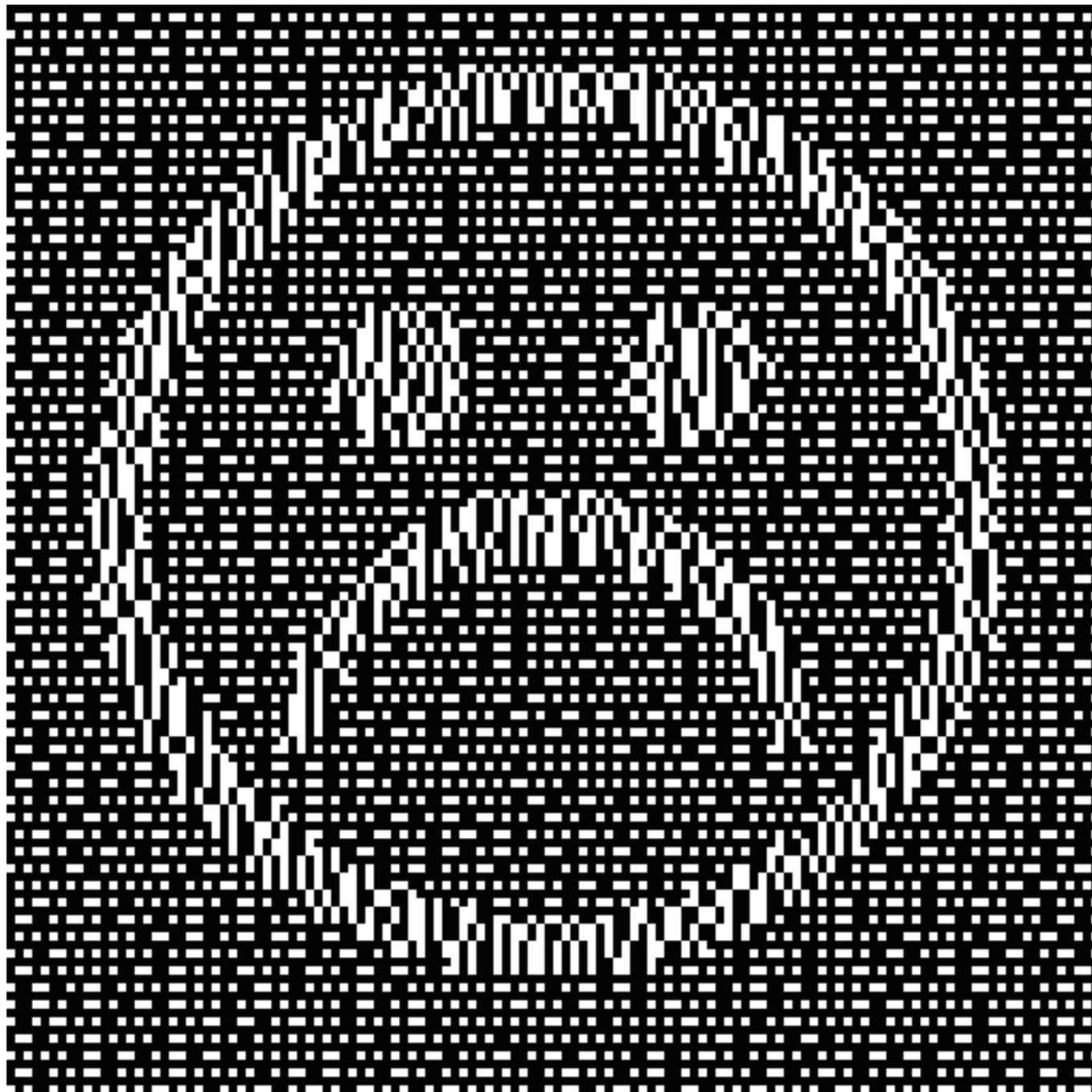




1



2

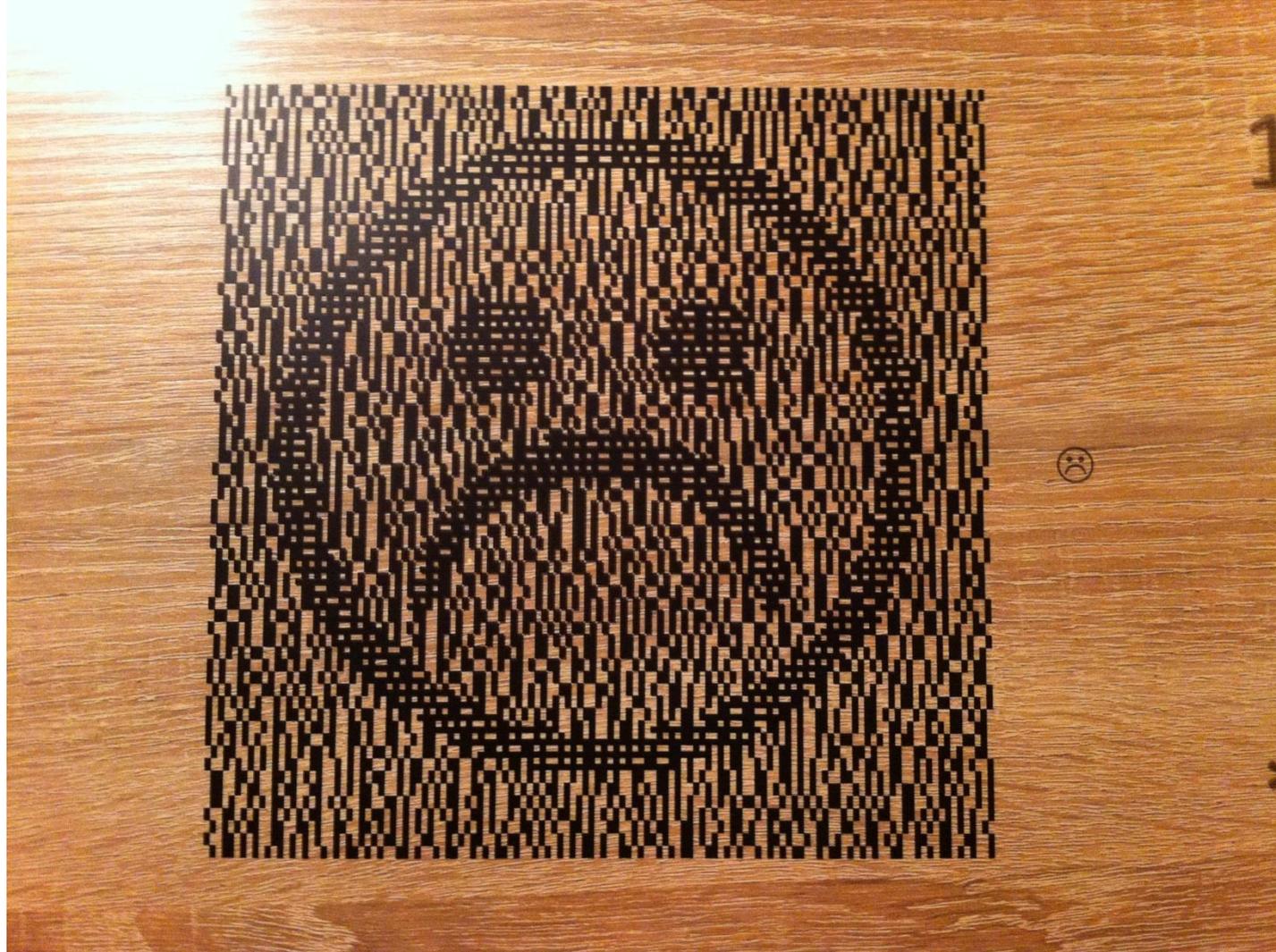


$$+ (-\text{☹}) = \text{☺}$$





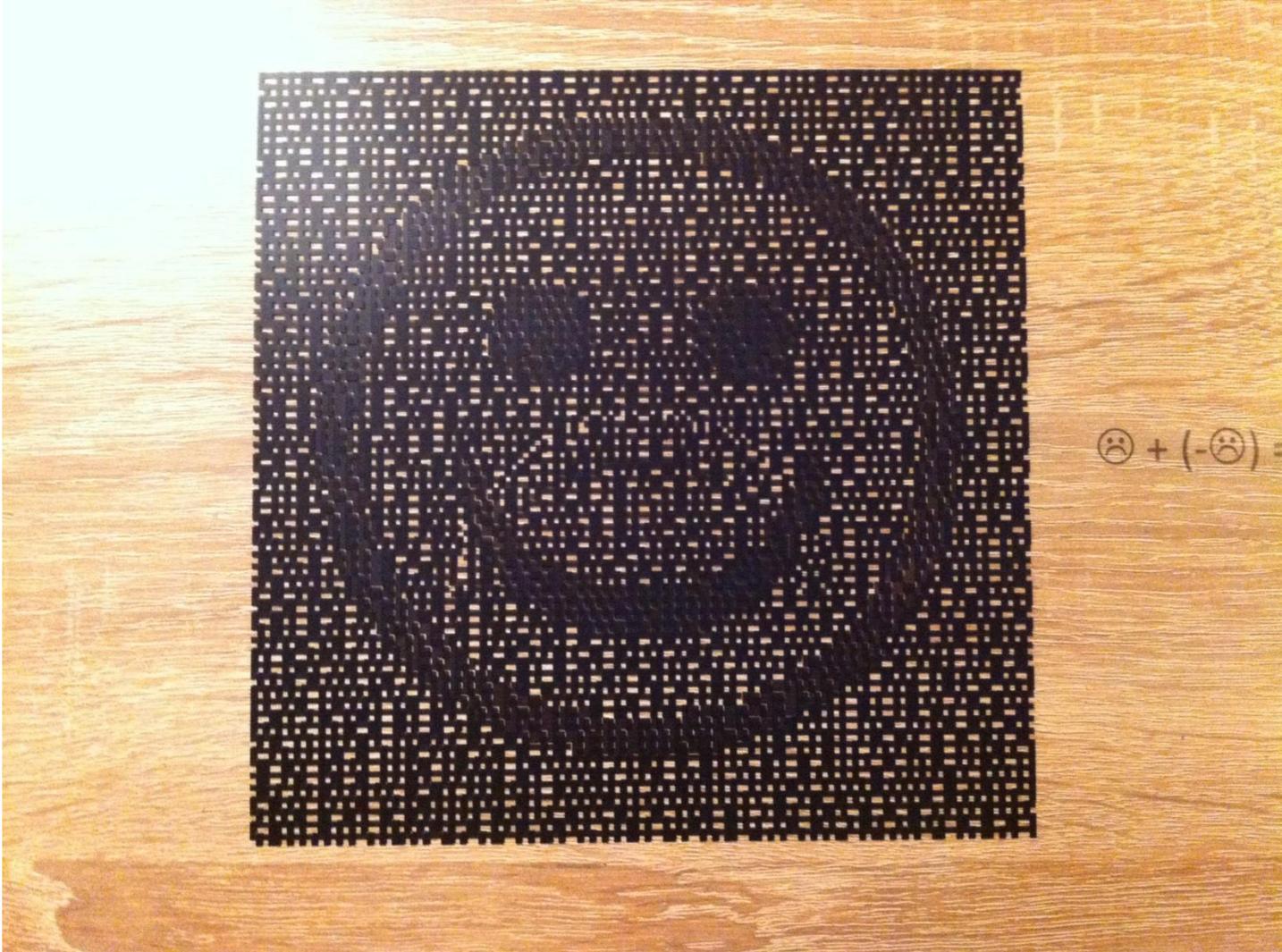
Validation expérimentale (1/3) :



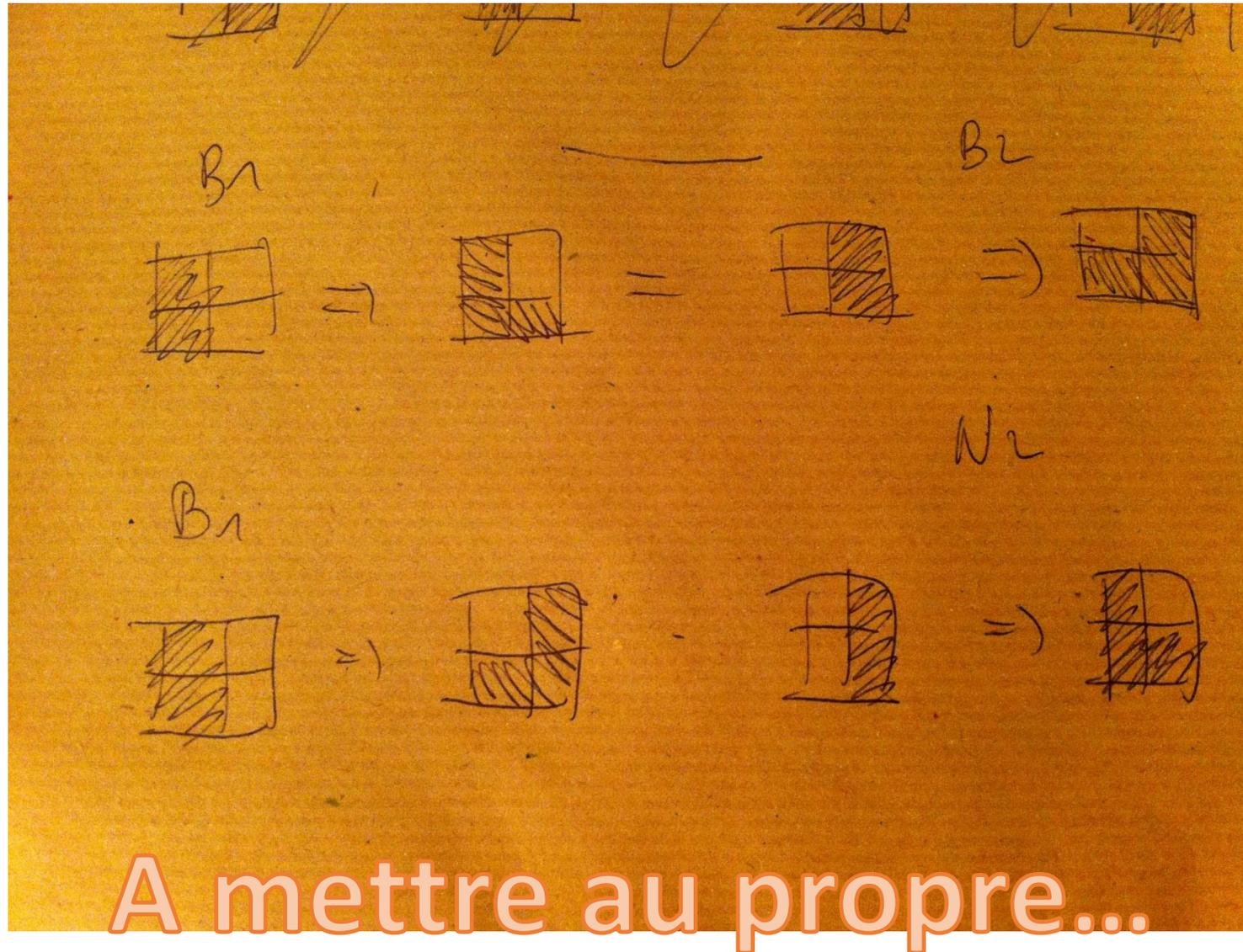
Validation expérimentale (1/3) :



Validation expérimentale (3/3) :

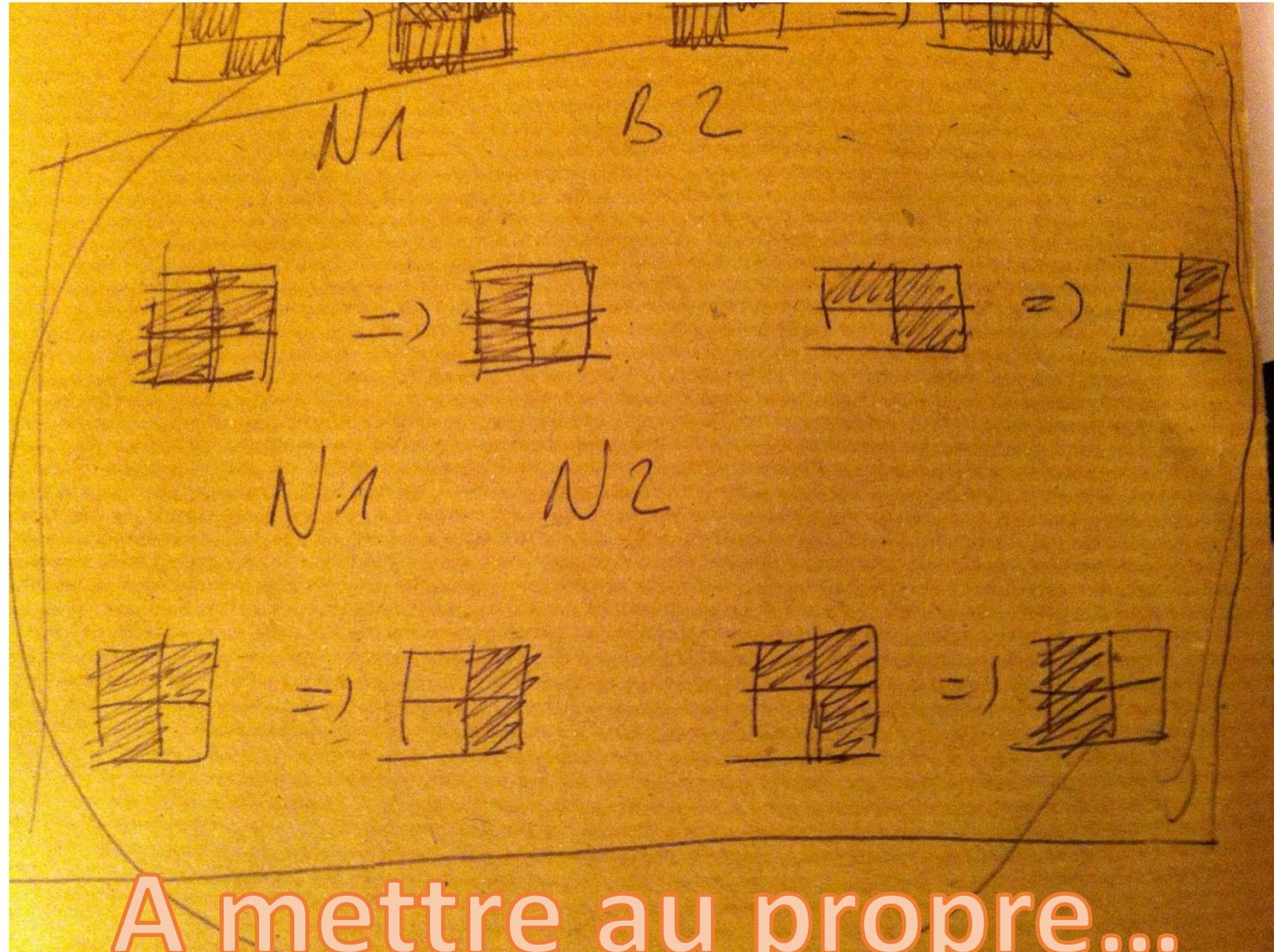


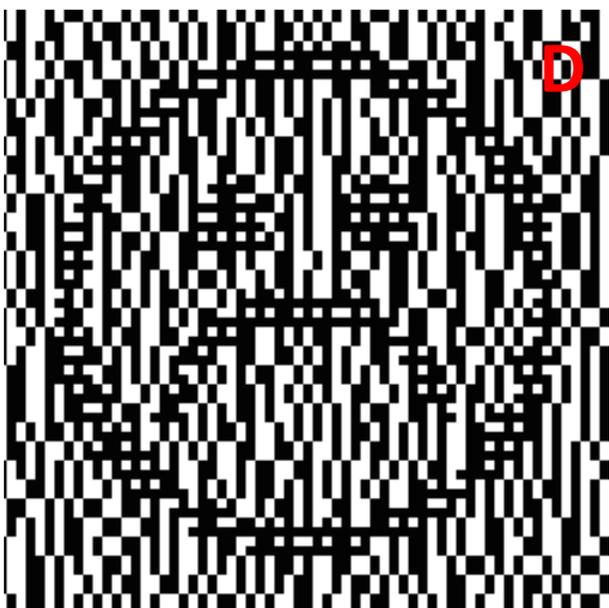
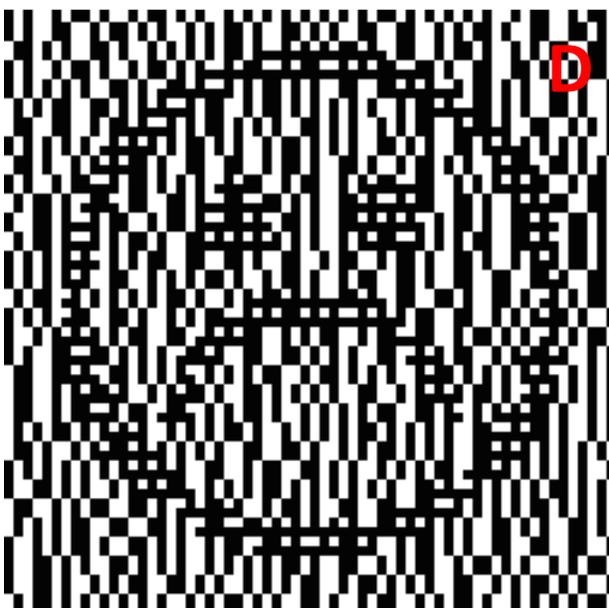
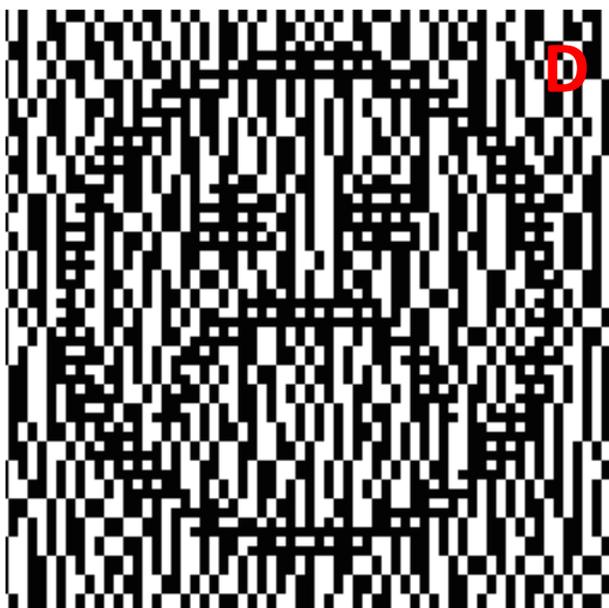
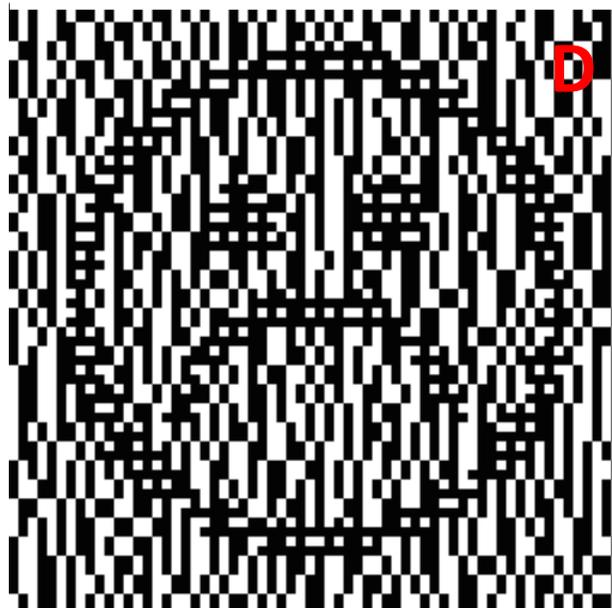
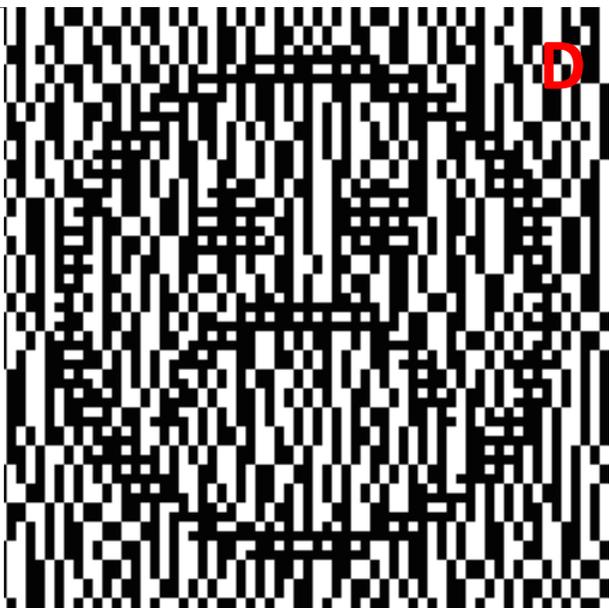
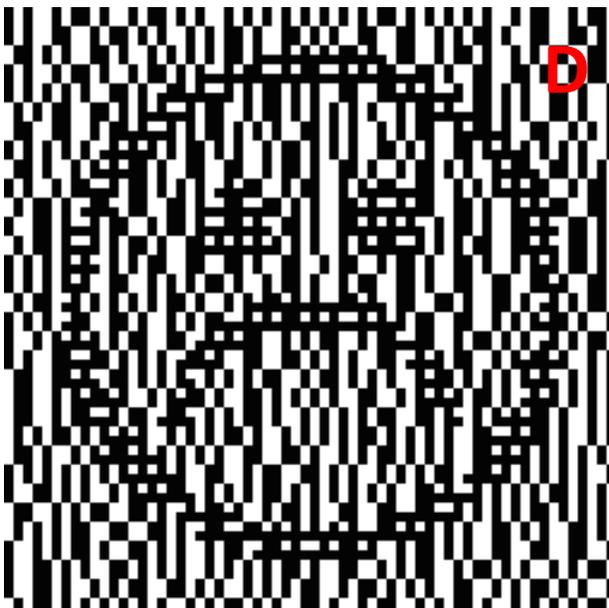
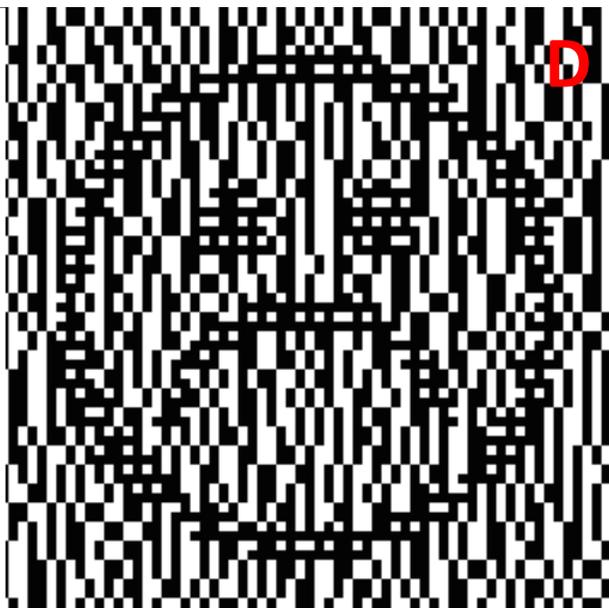
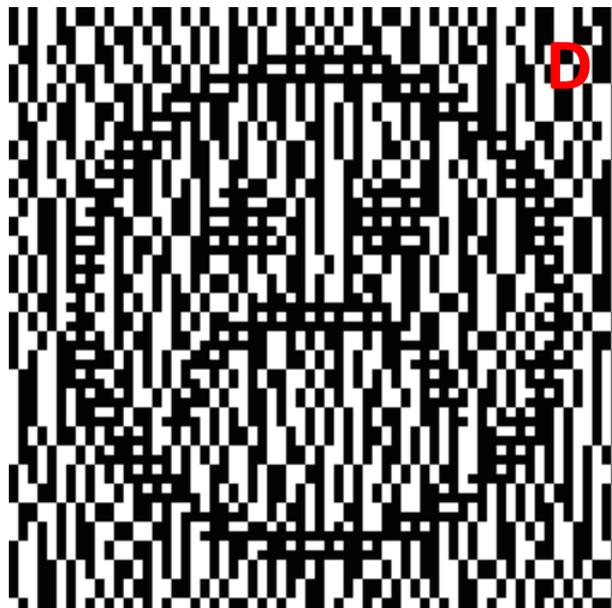
Et la théorie... (1/2)

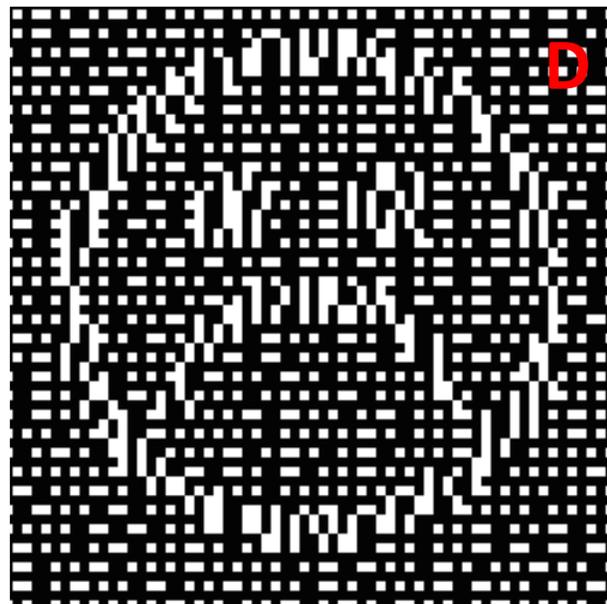
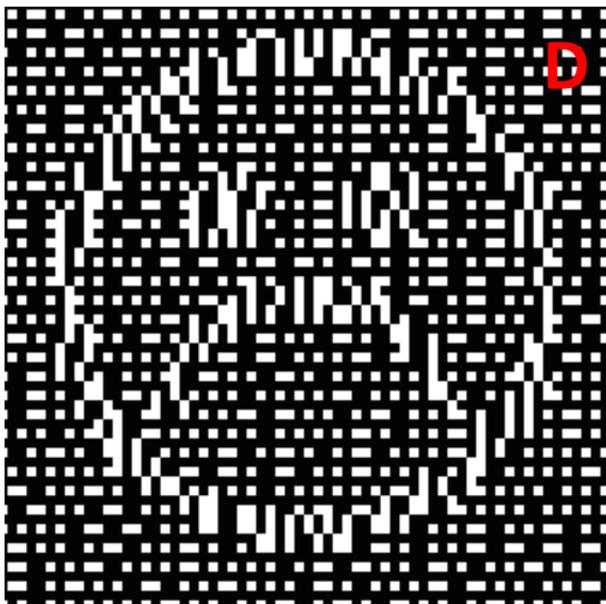
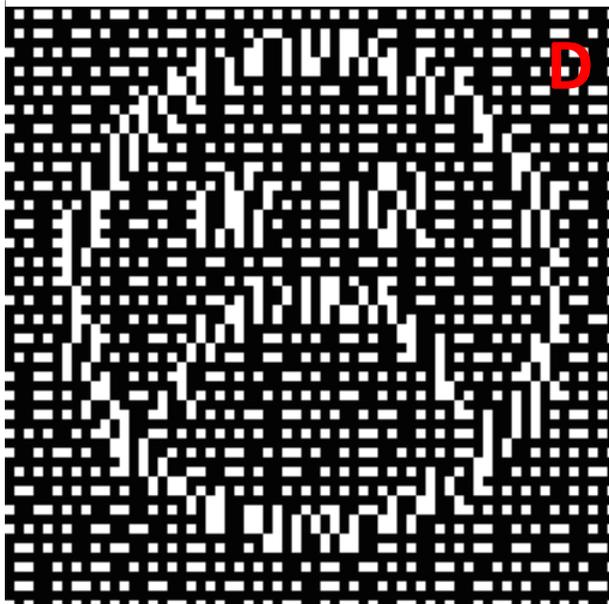
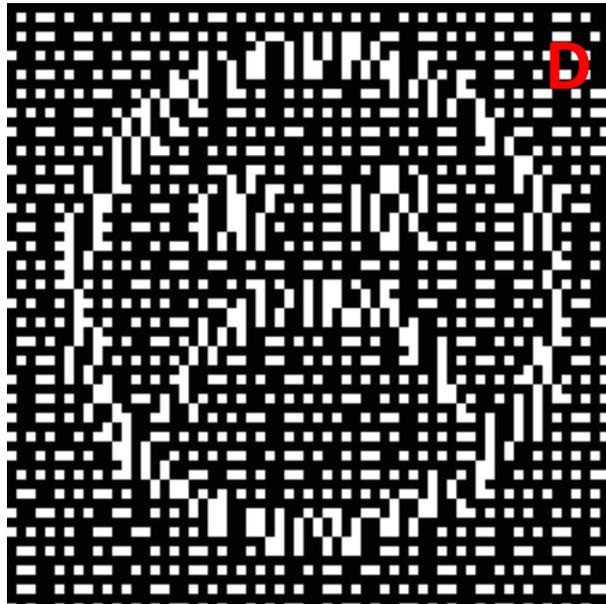
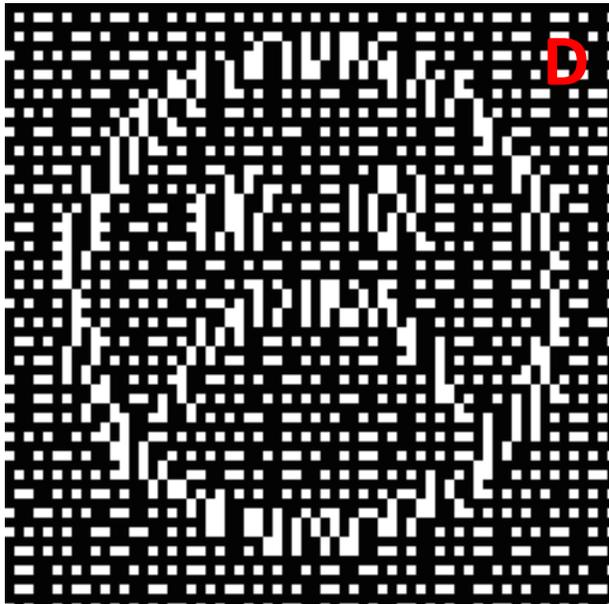


A mettre au propre...

Et la théorie... (2/2)



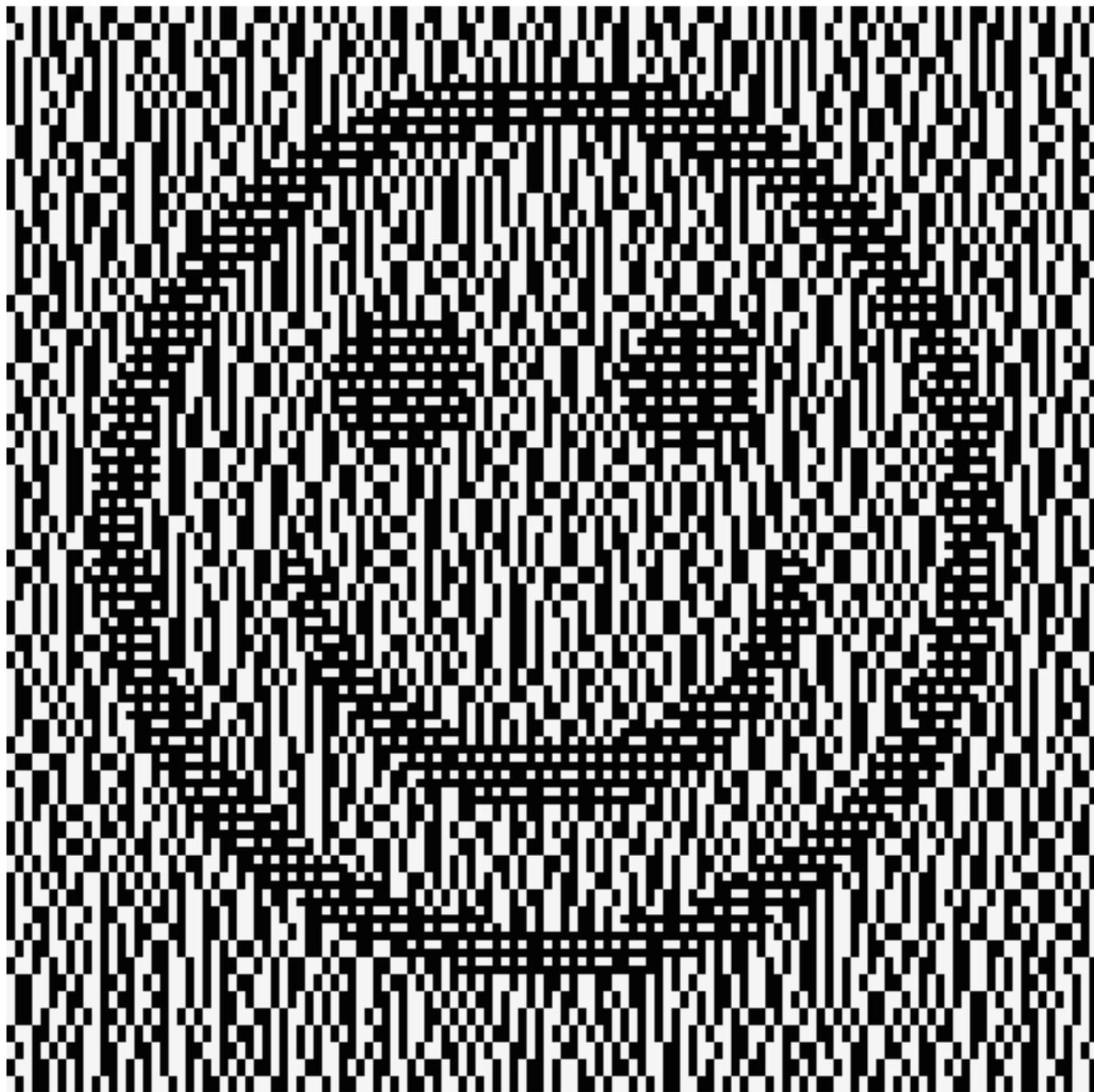




Avec un message...

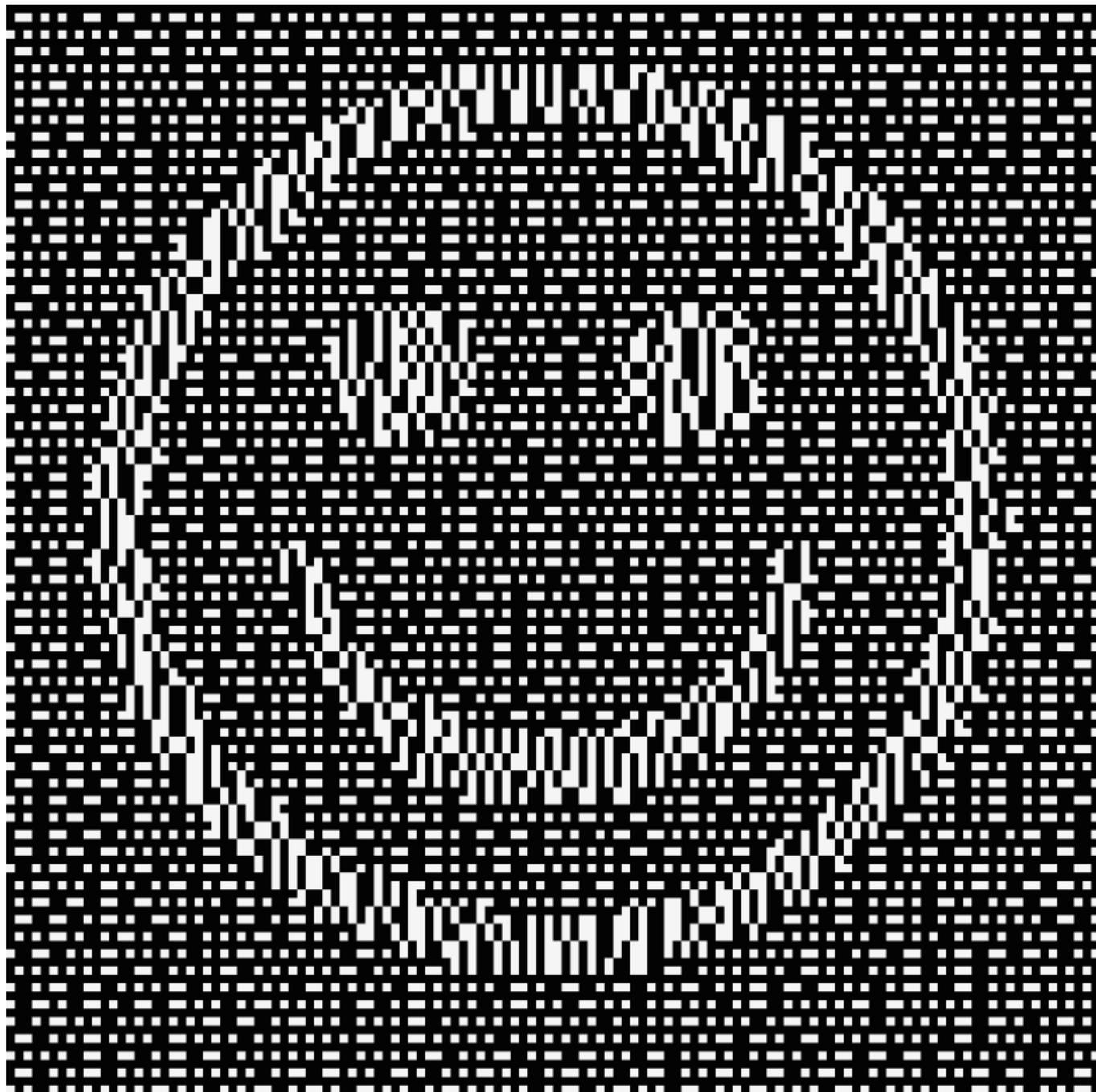
+

1



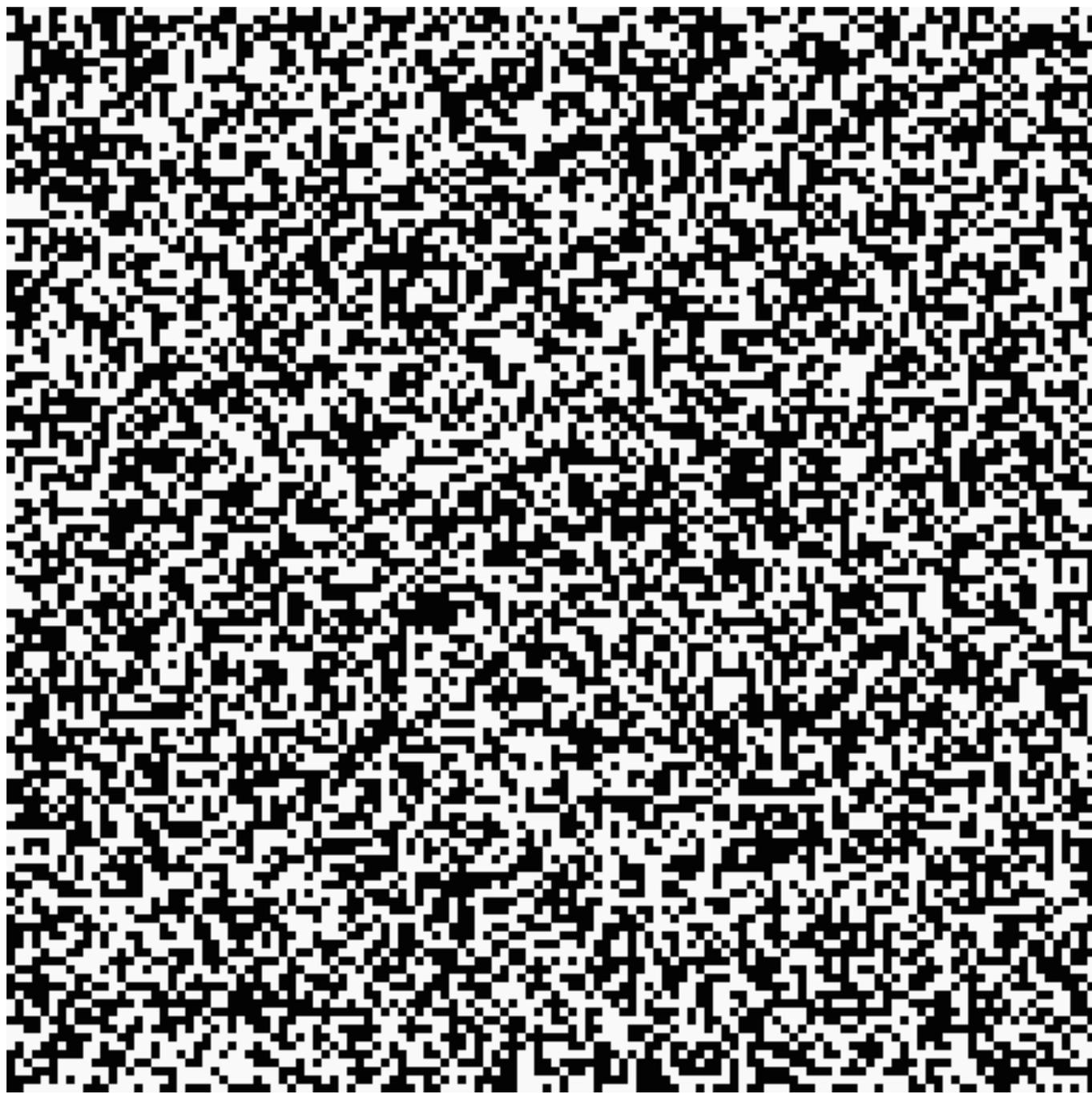
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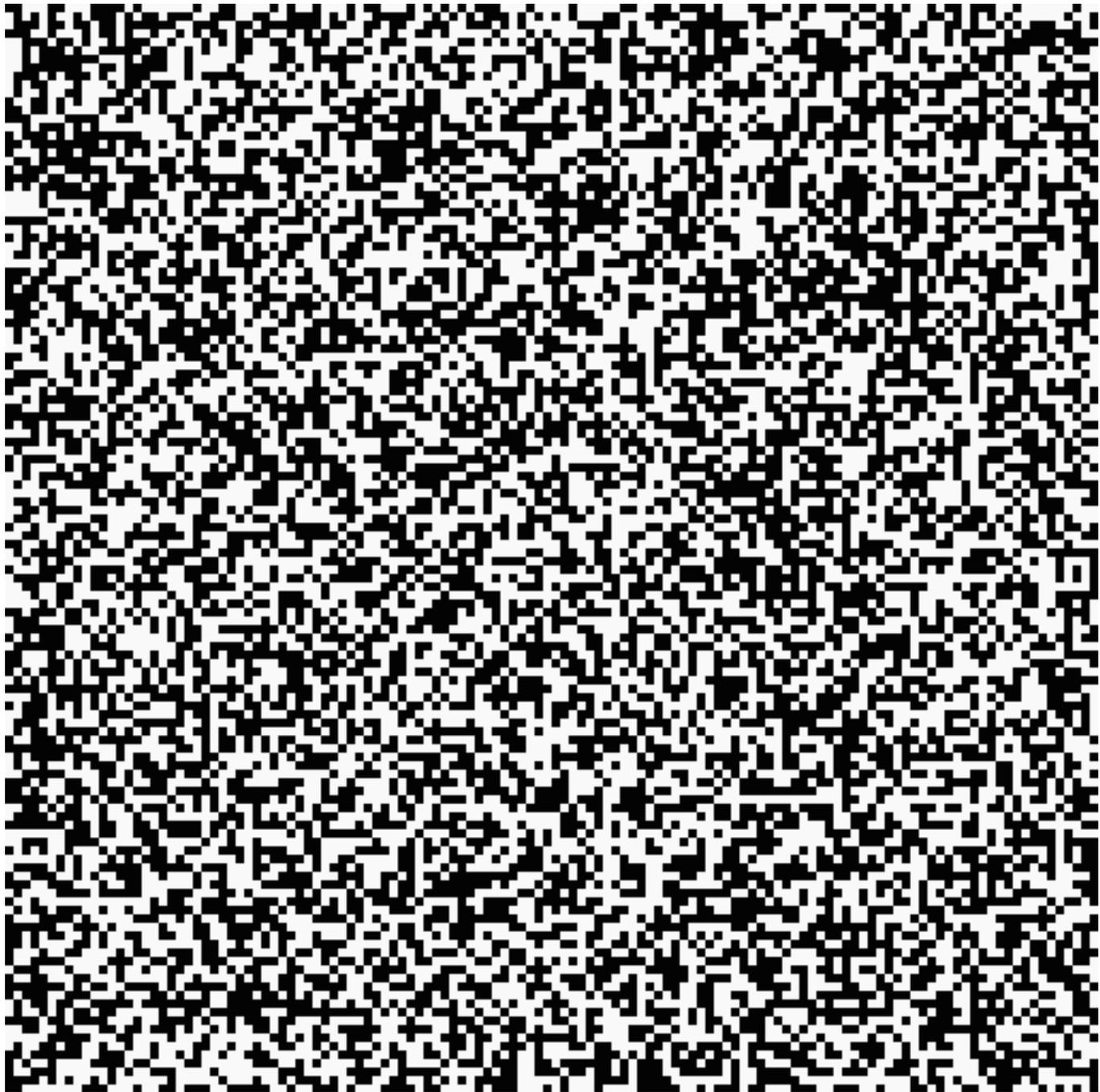


Avec deux images cette fois...



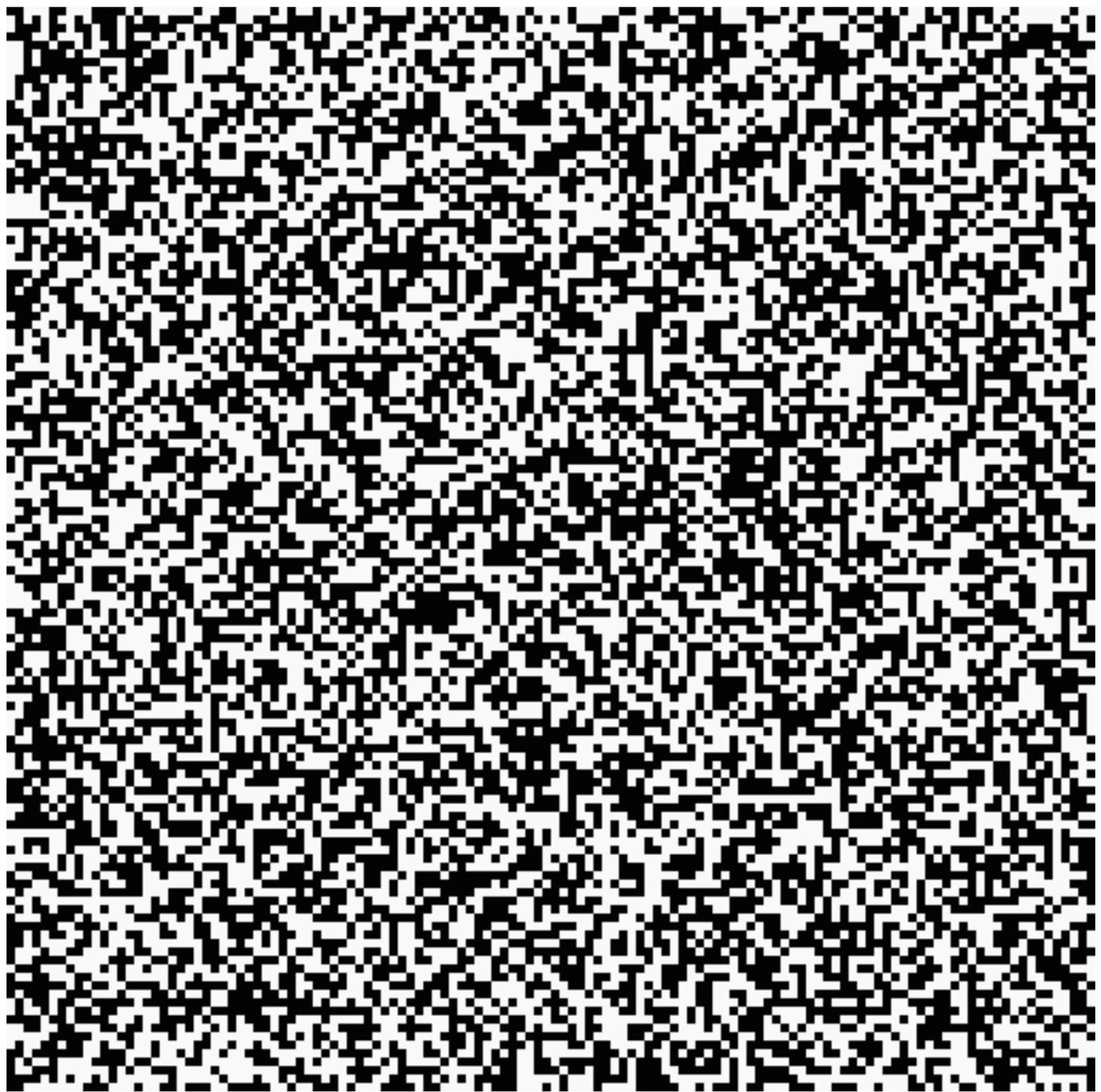
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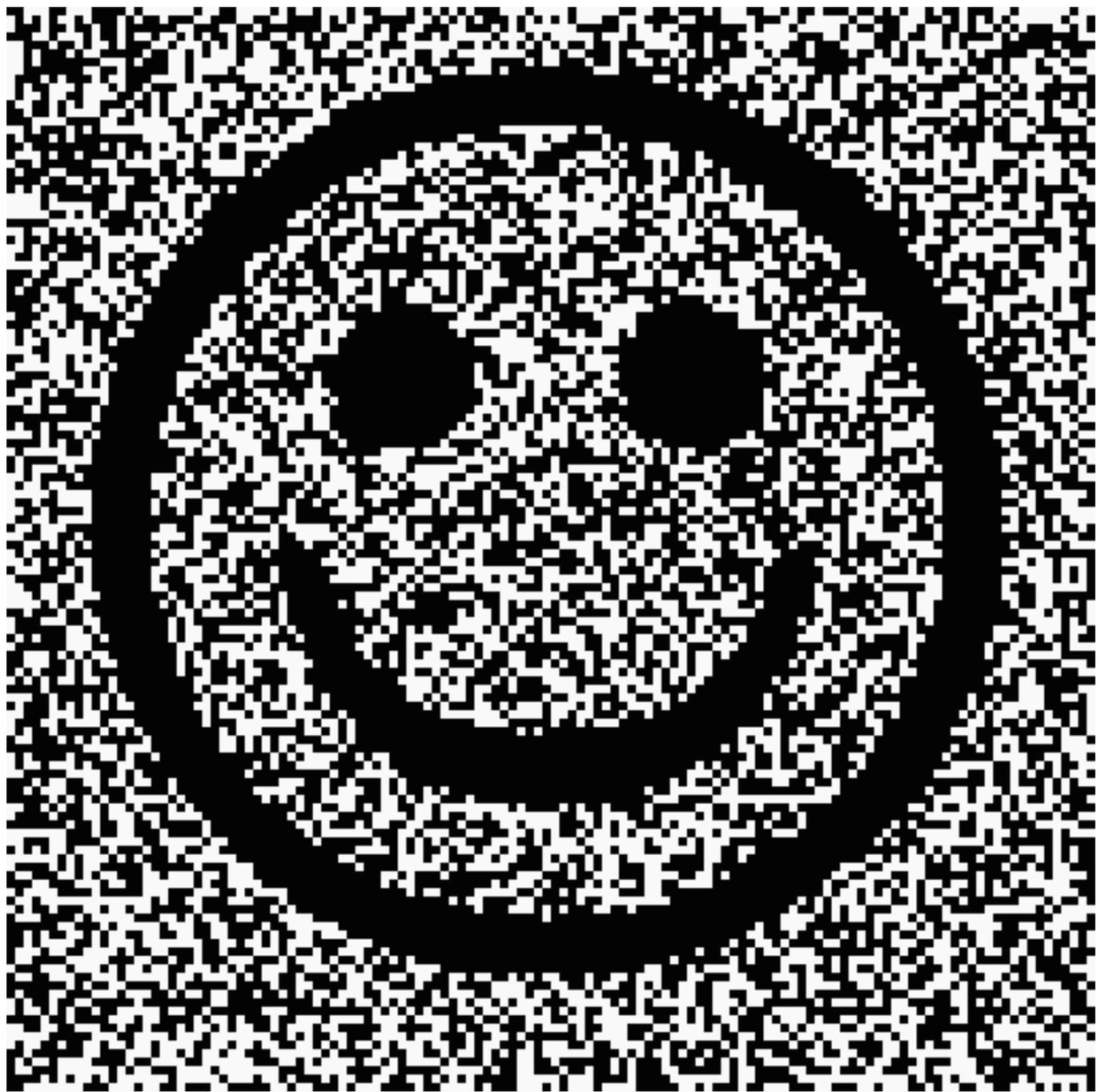
1'



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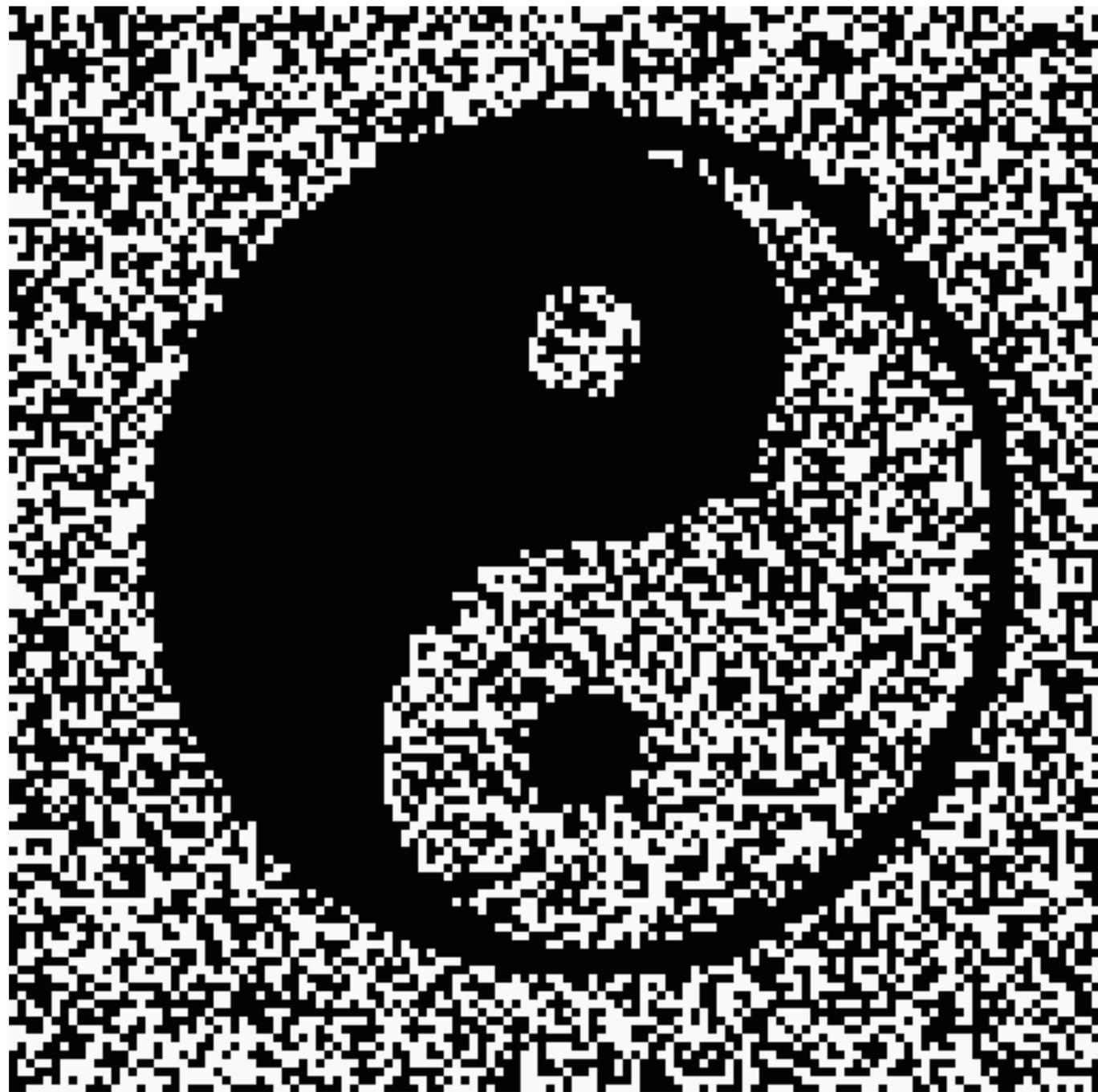
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3'



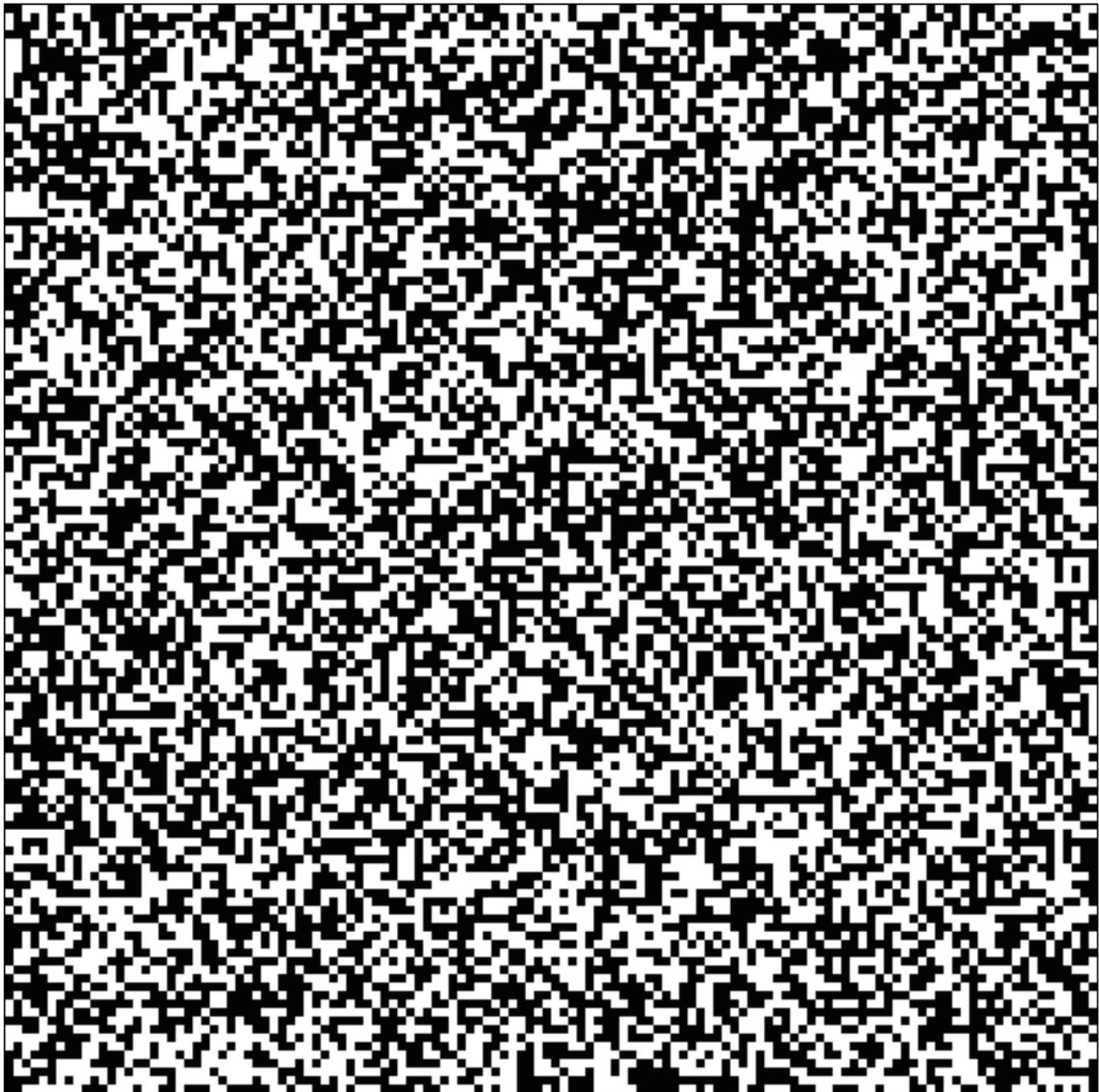
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Avec (juste) un lapin...

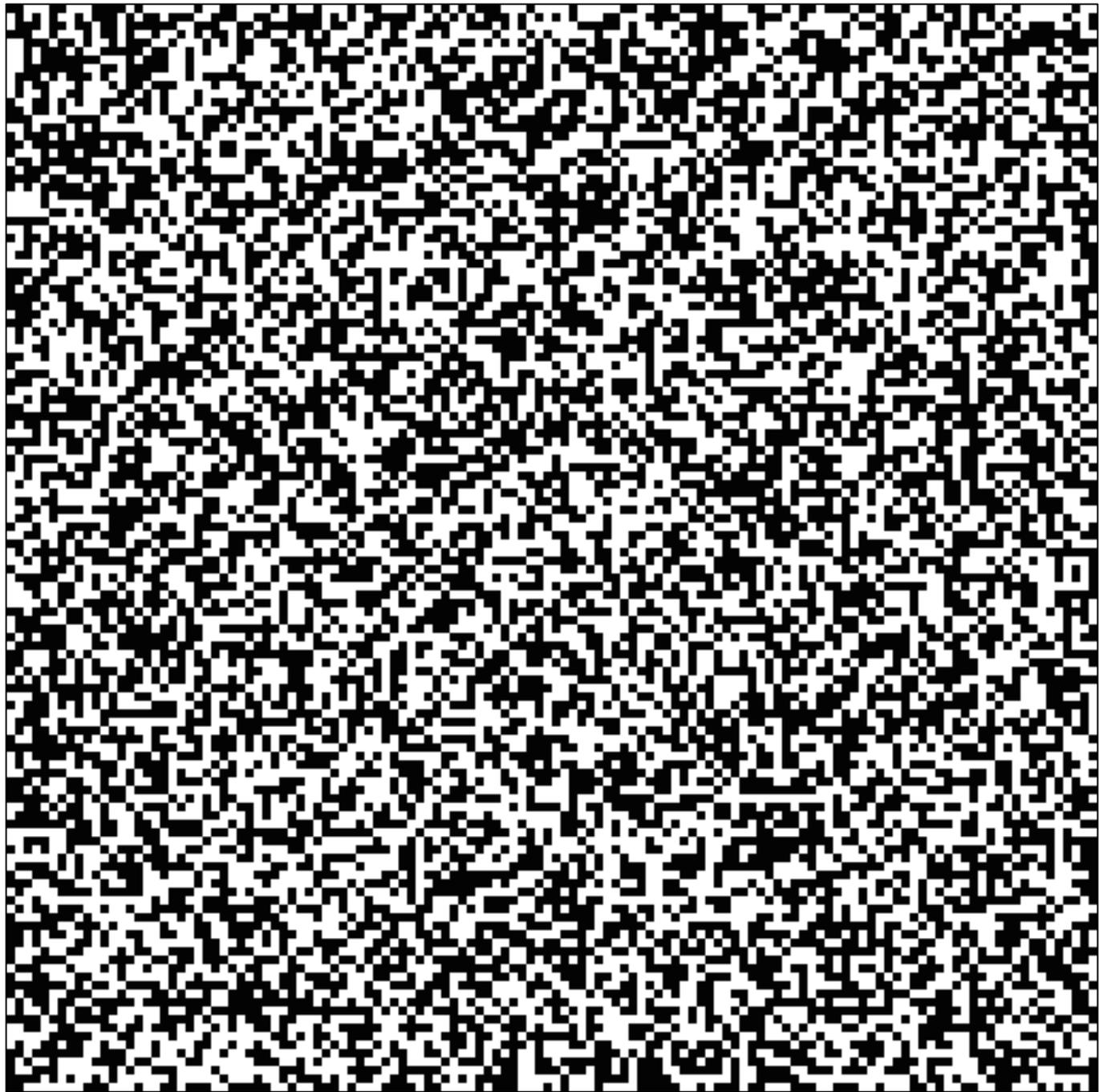
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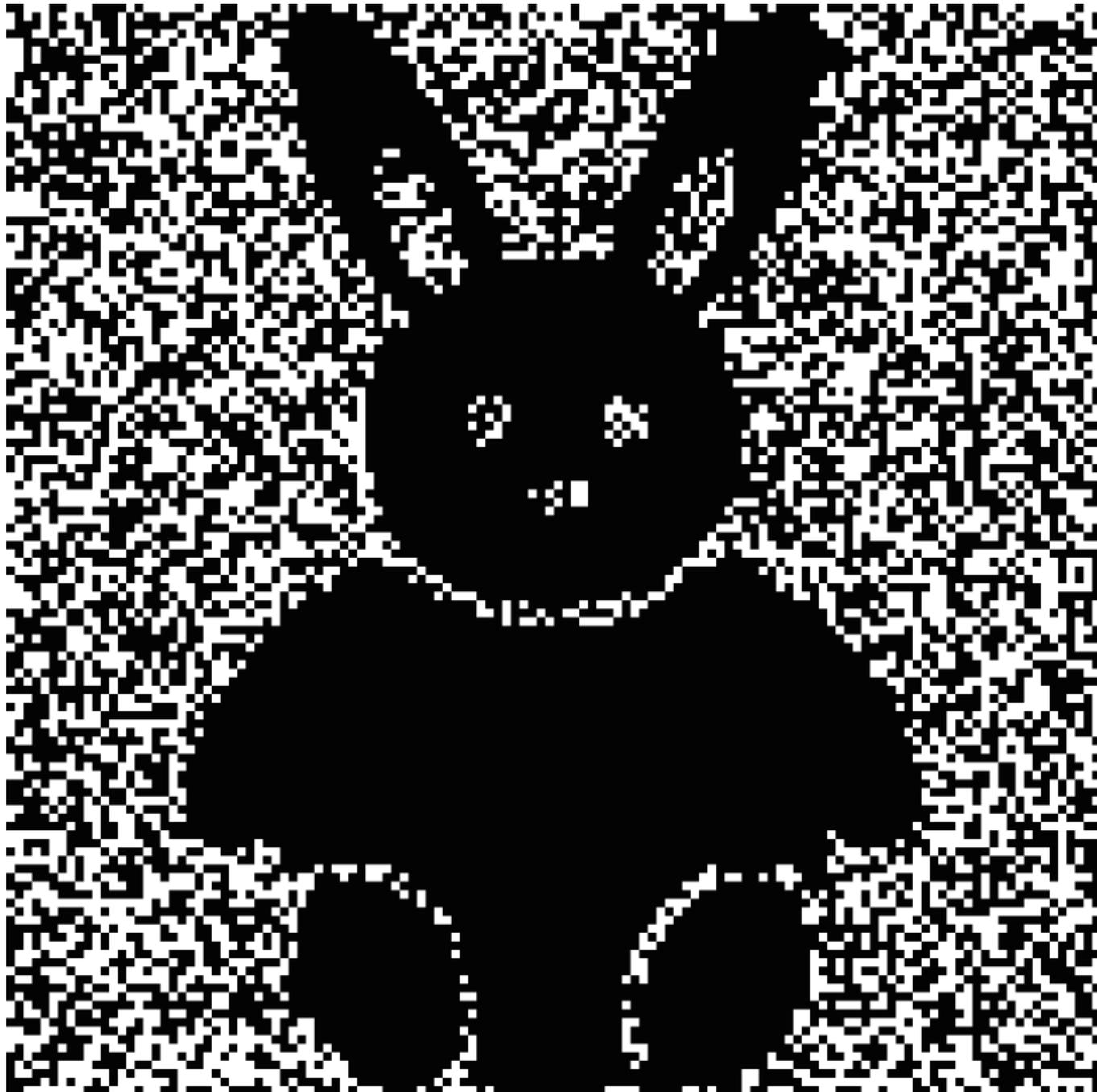
1



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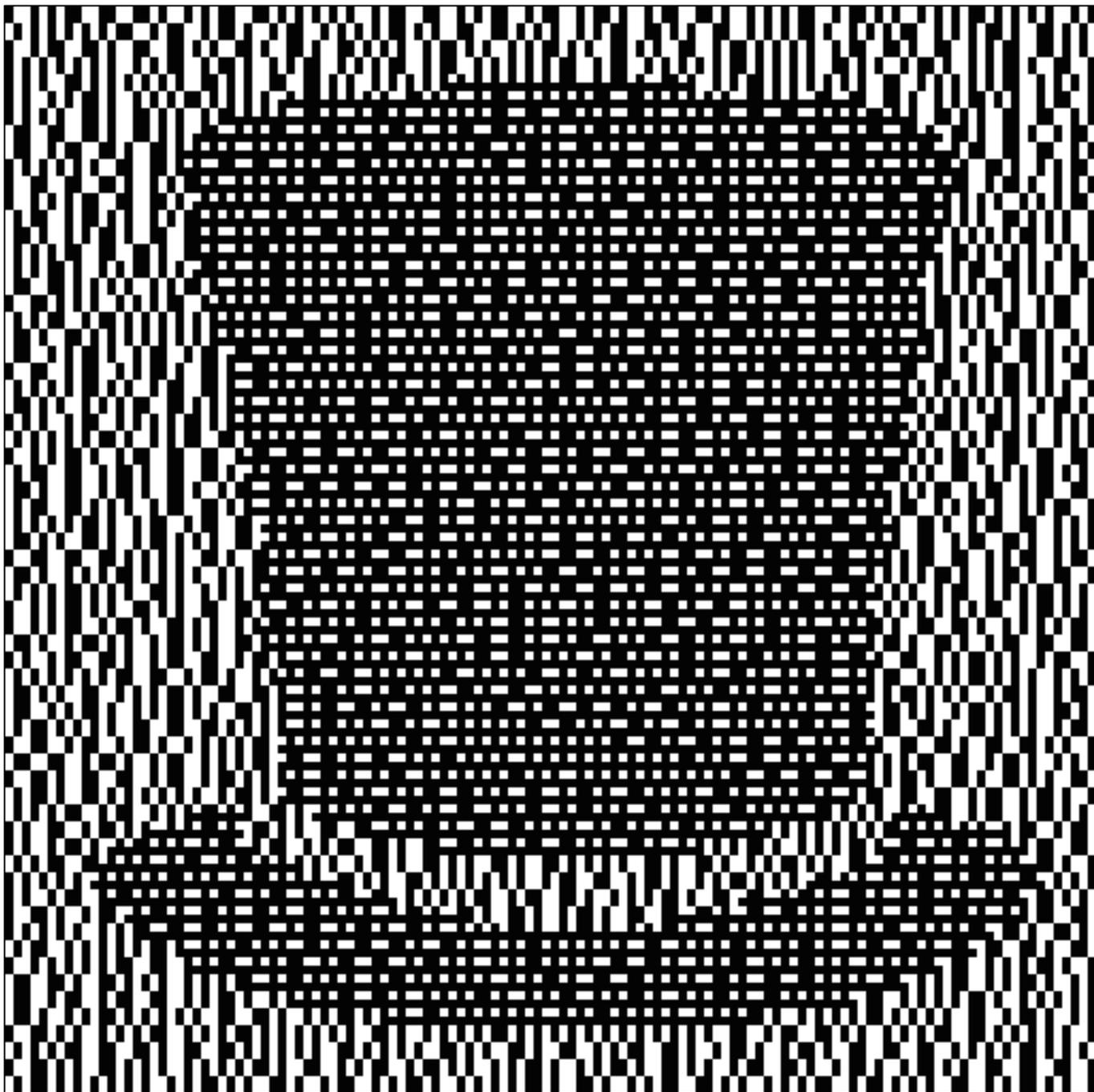




Avec un lapin...

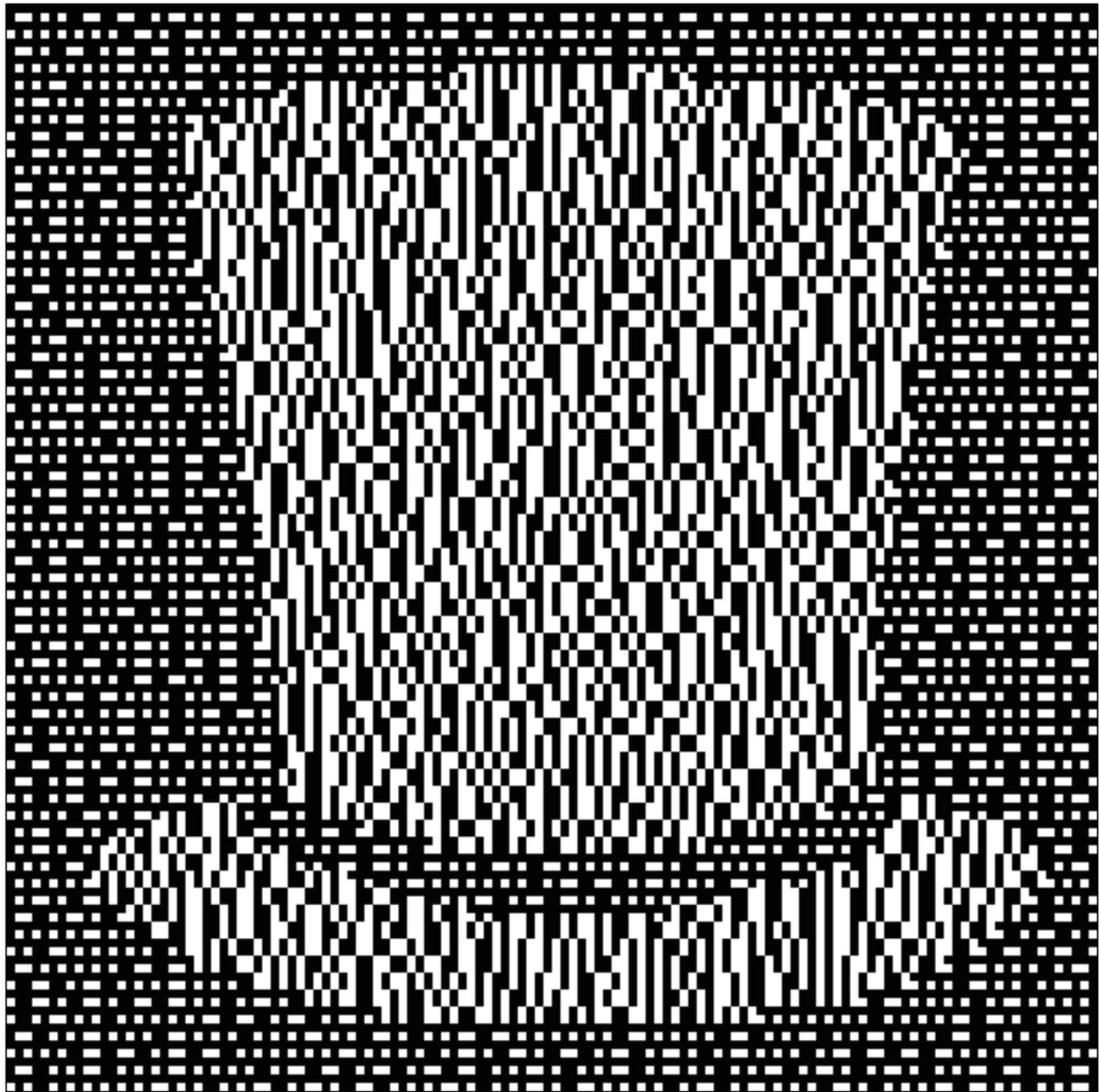
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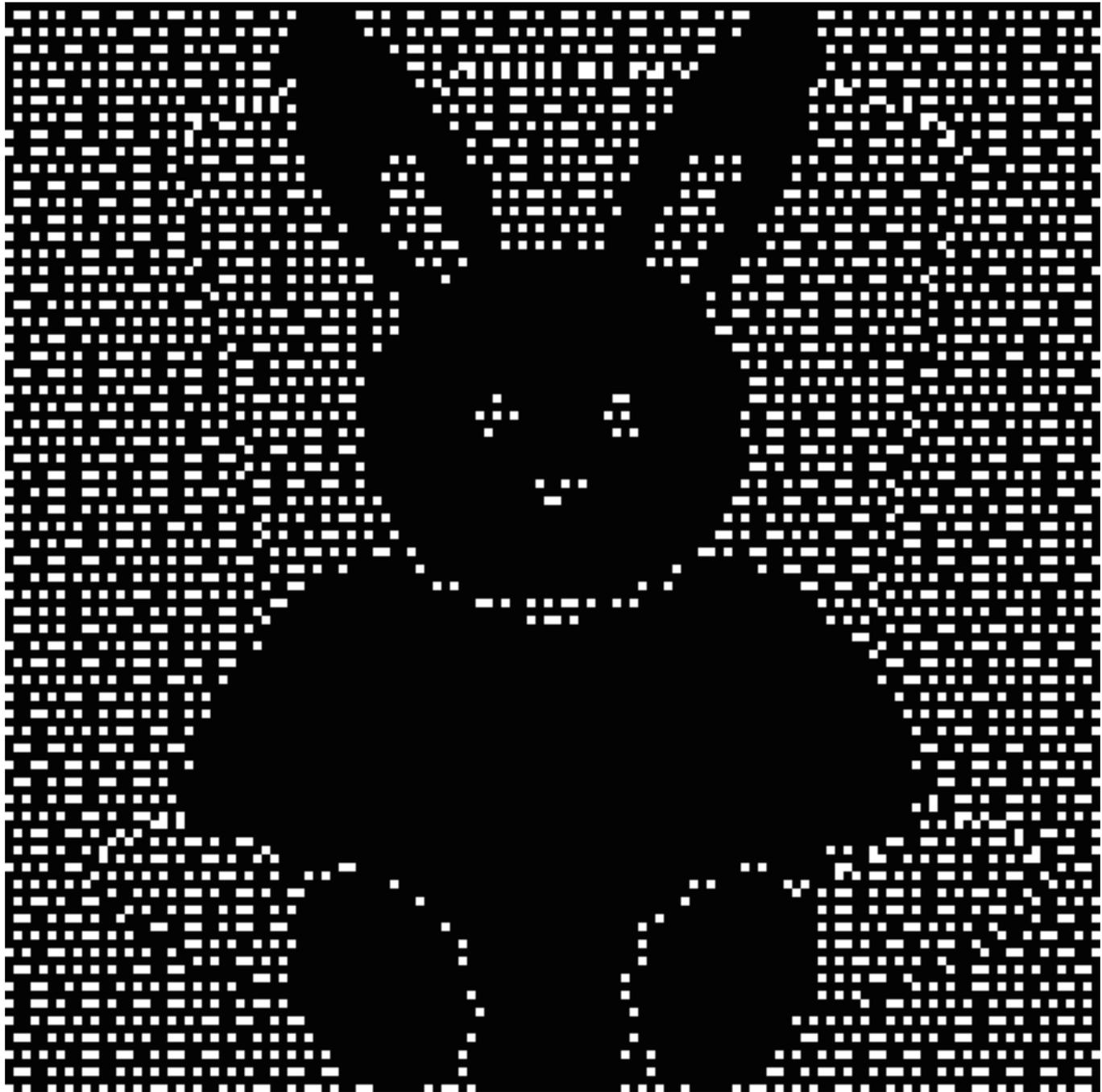
1



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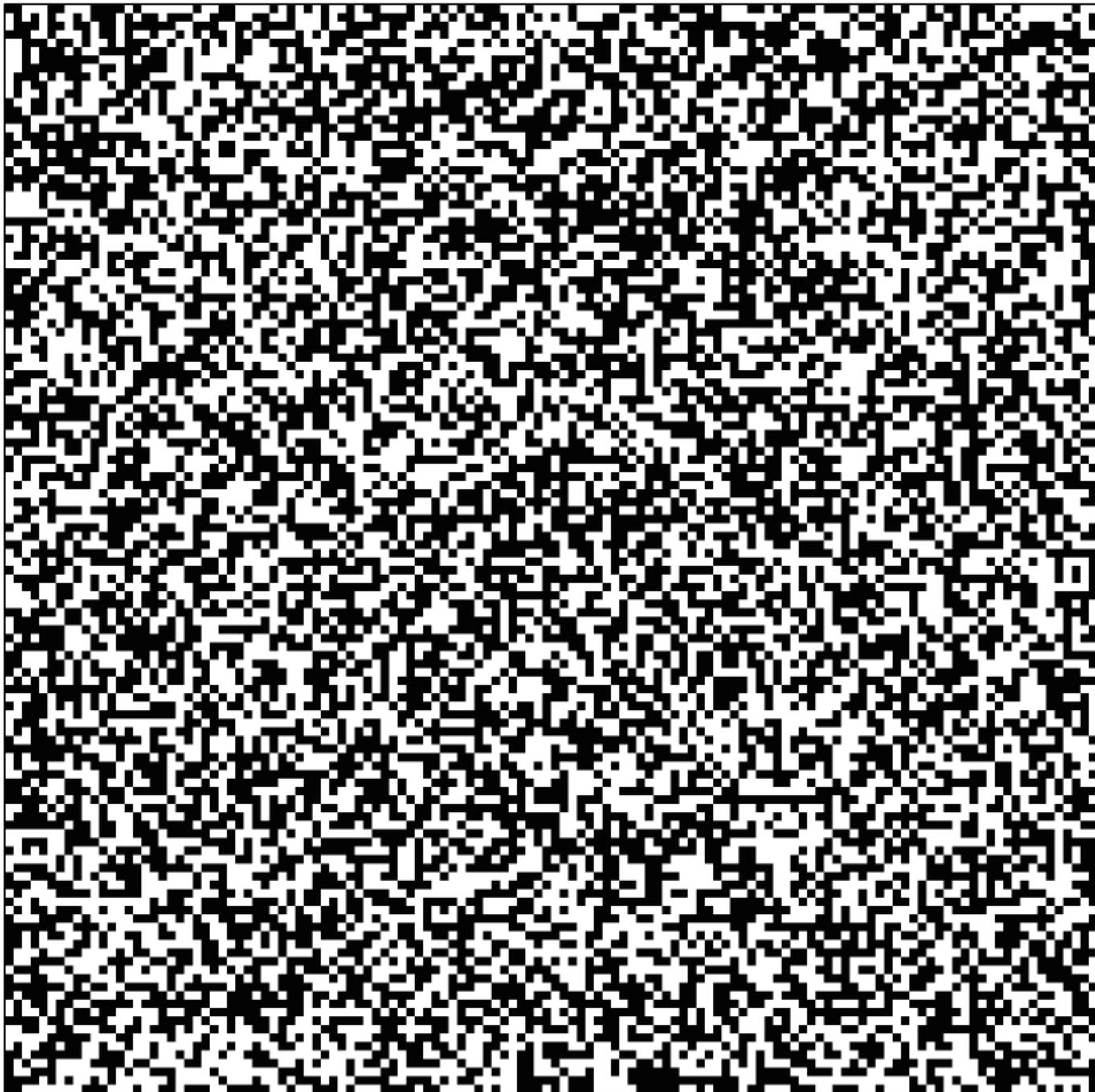




Avec un lapin et un chapeau...

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1

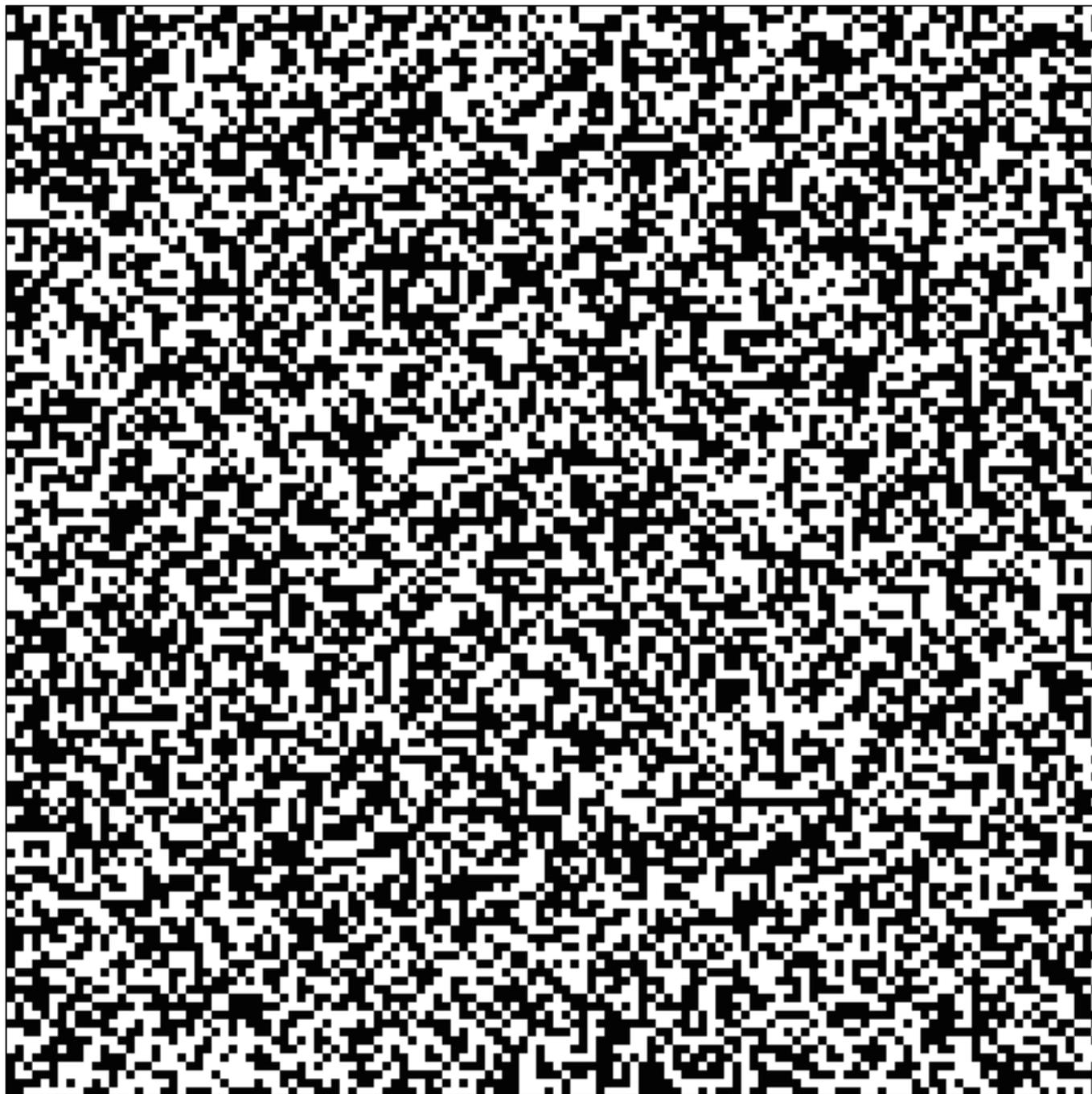


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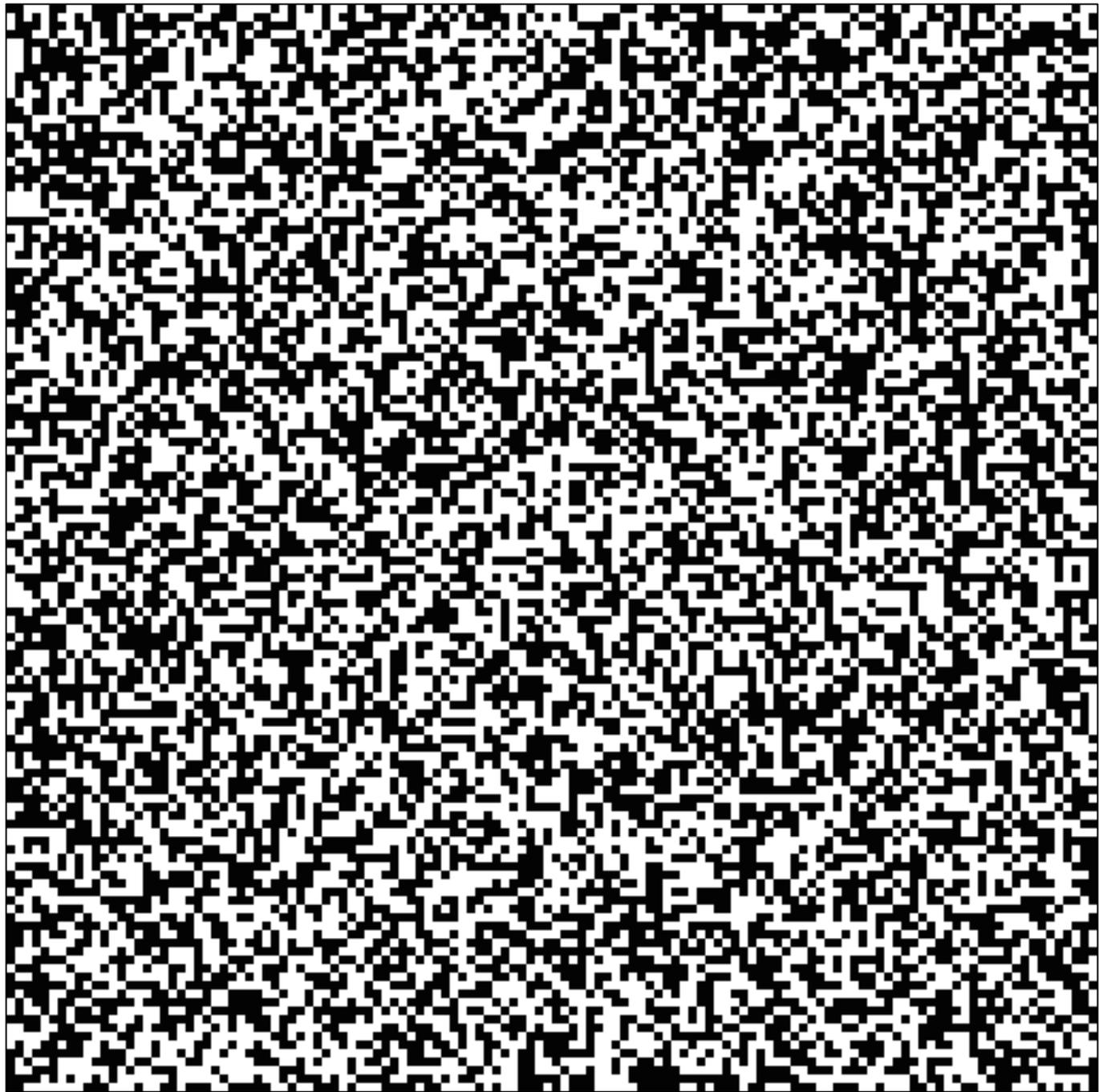
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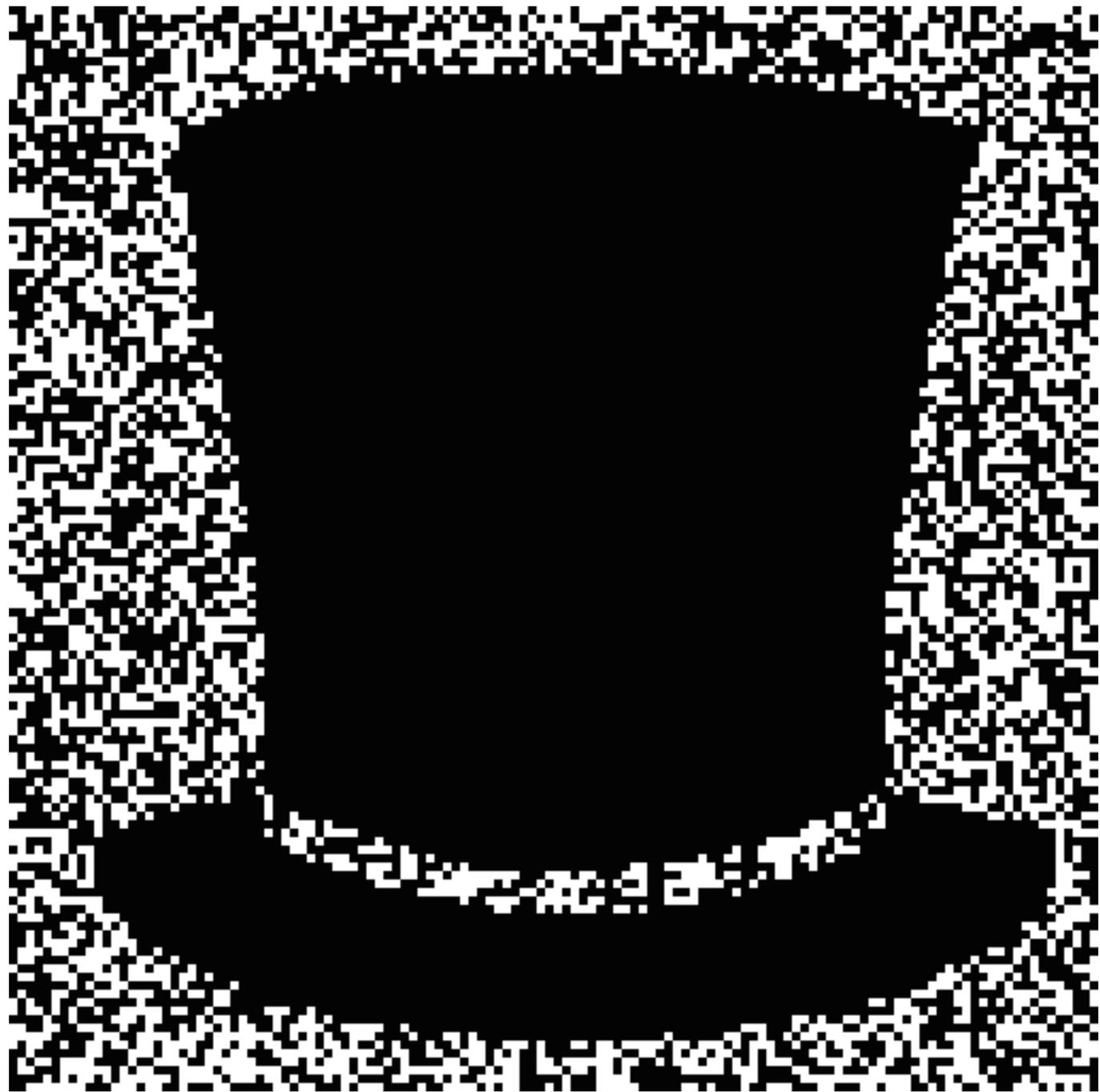
1'



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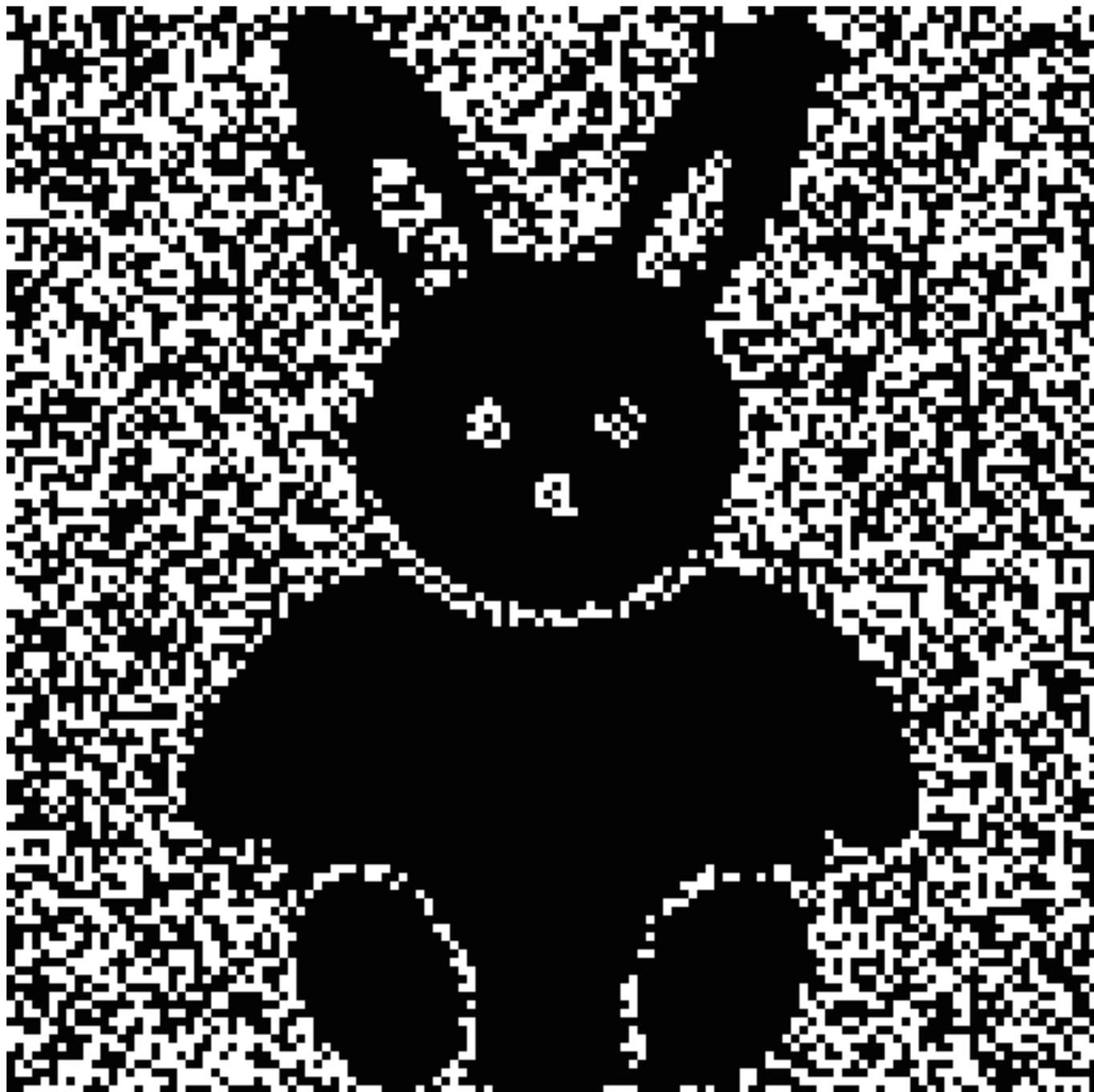
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3'



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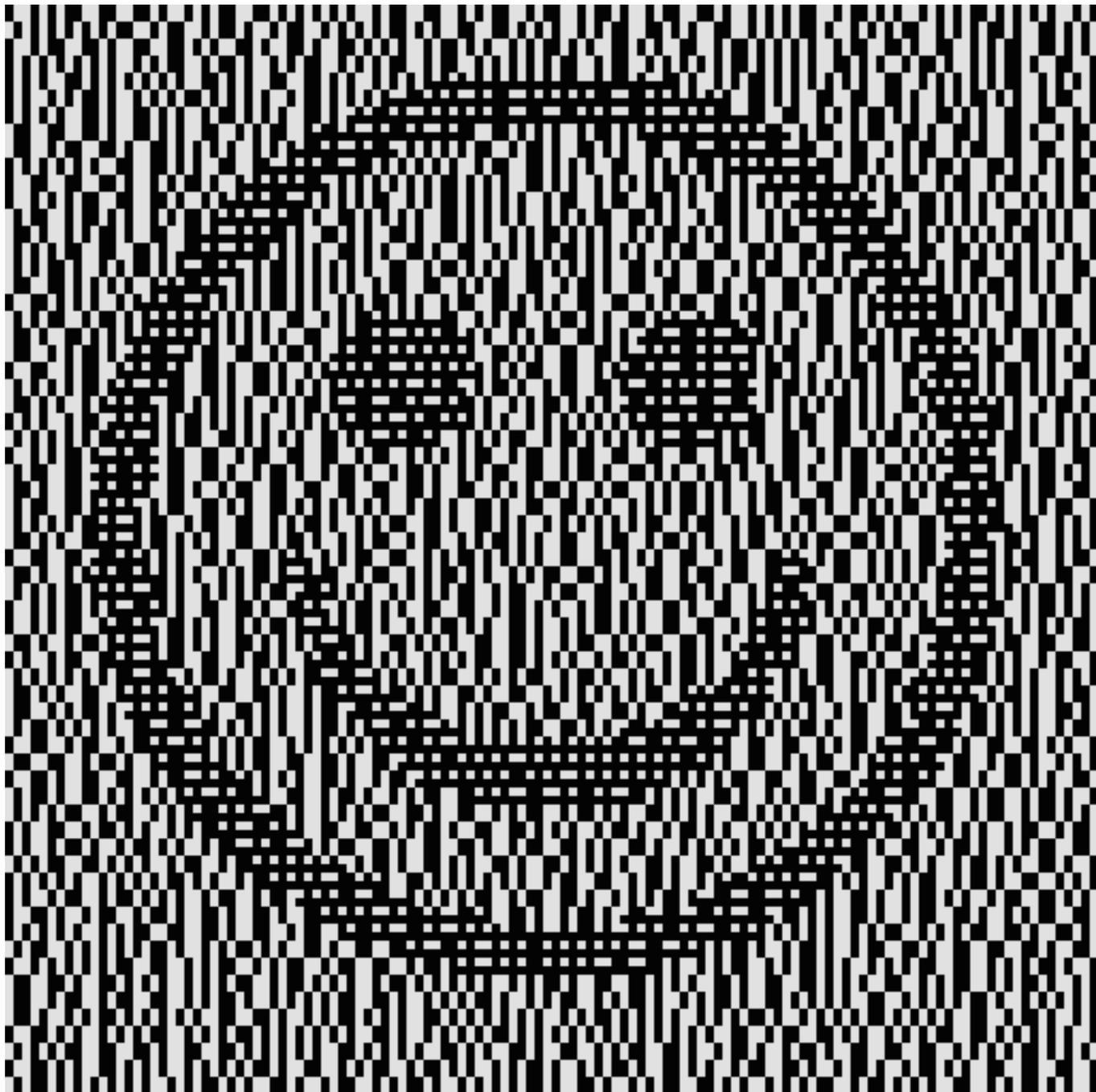
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Petit dernier pour la route...

(<https://twitter.com/hashtag/cryptomagie>)

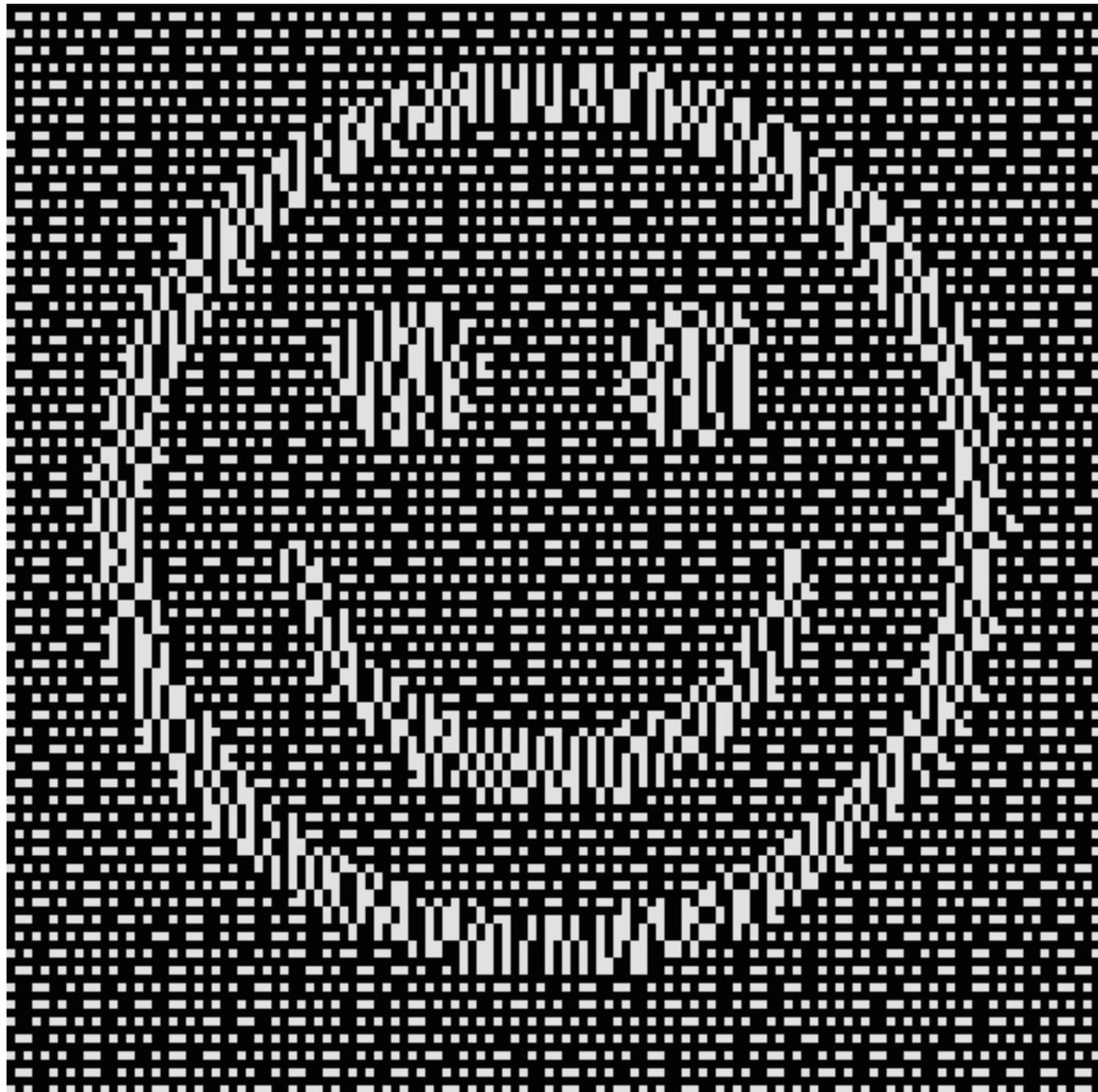
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1



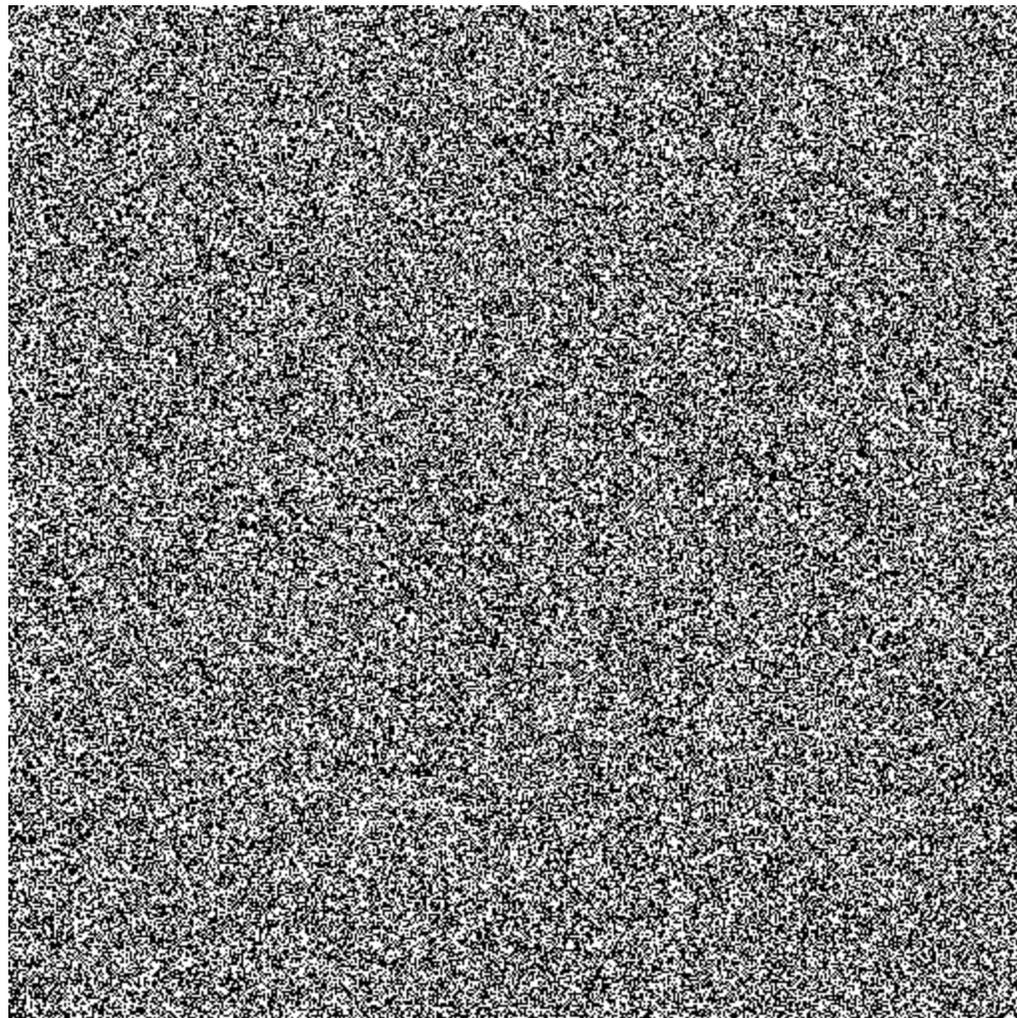
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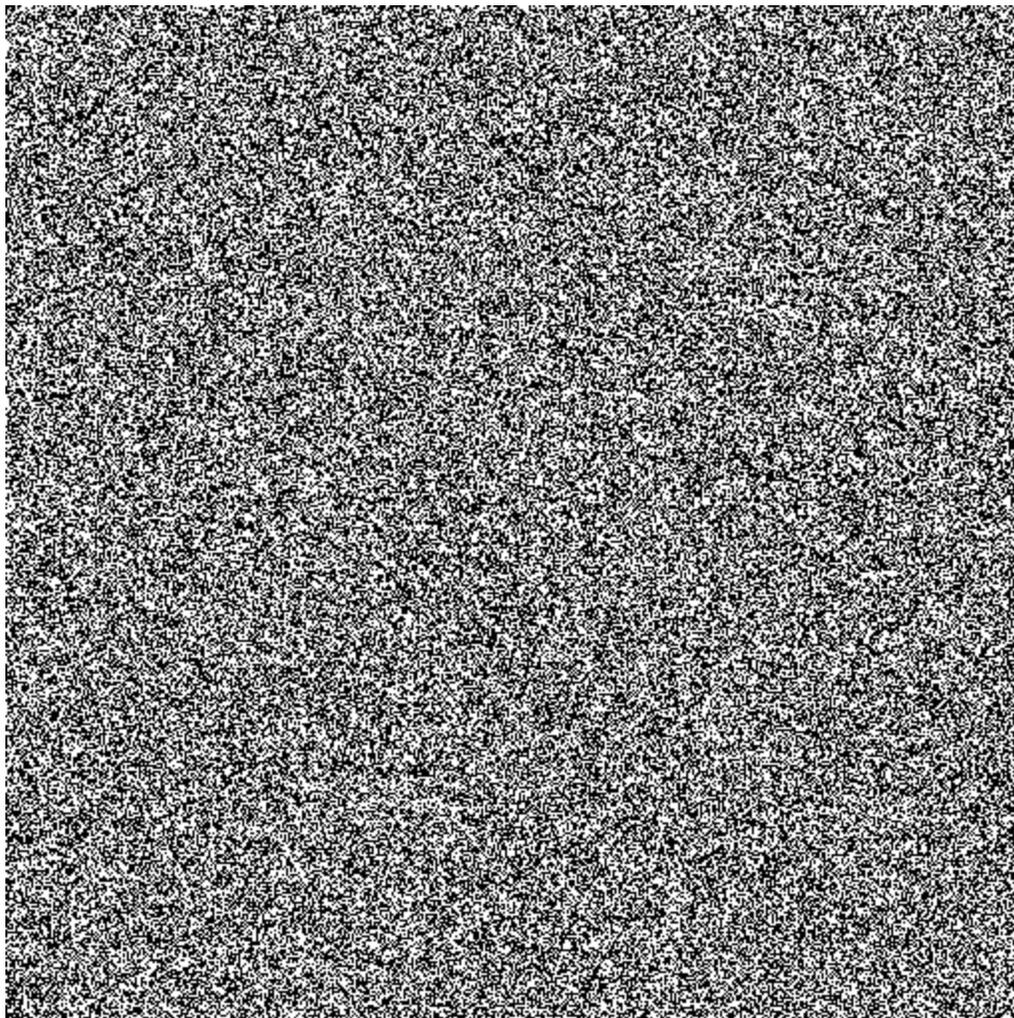




Les image suivantes marchent aussi mais le grain est un peu trop fin donc elles sont plus dures à bien superposer

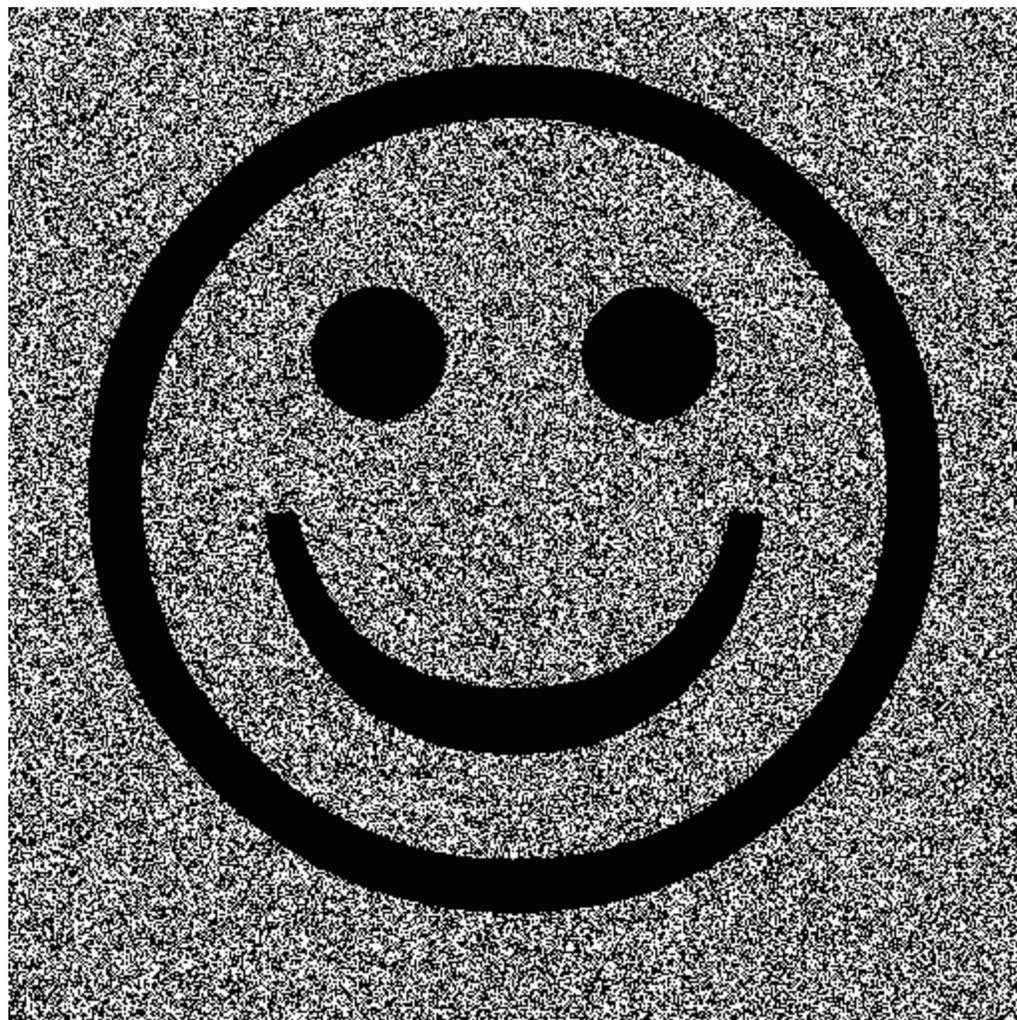


A imprimer sur une feuille



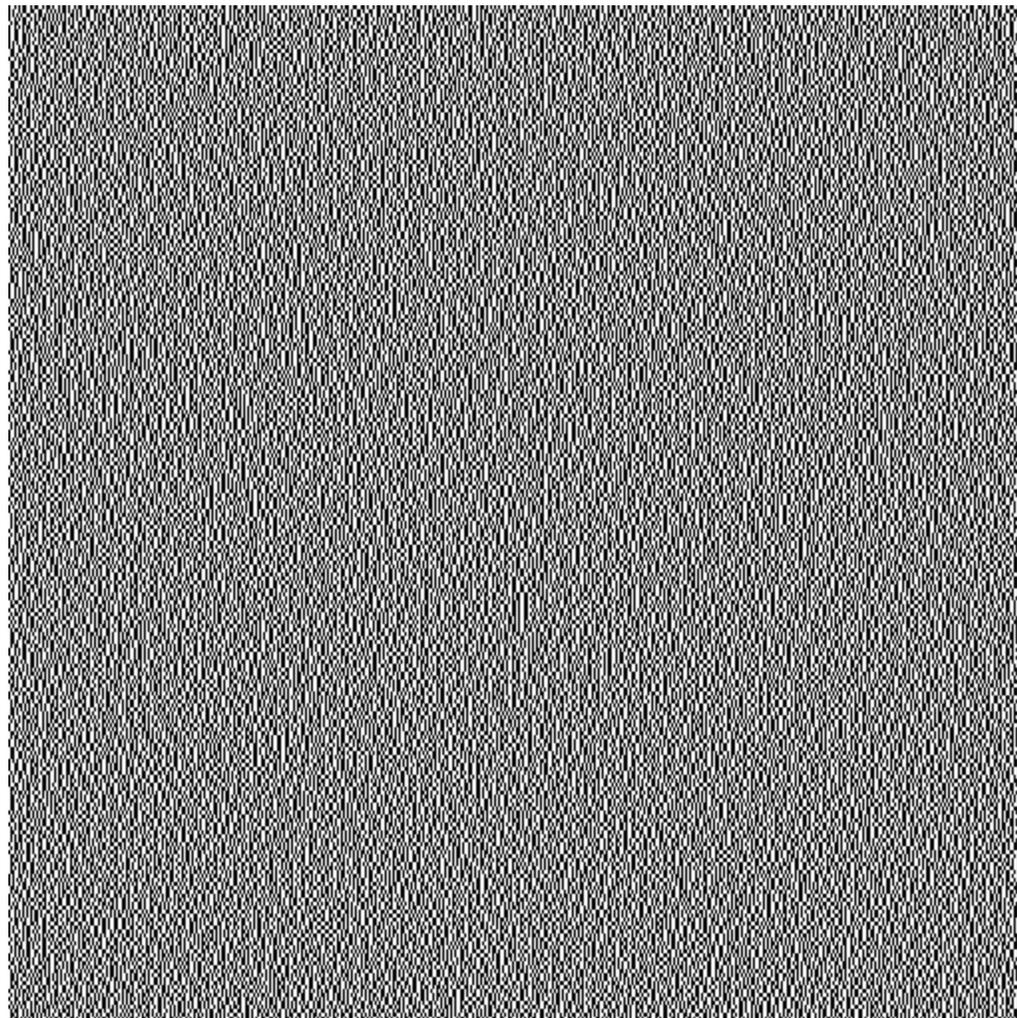
A imprimer sur un transparent



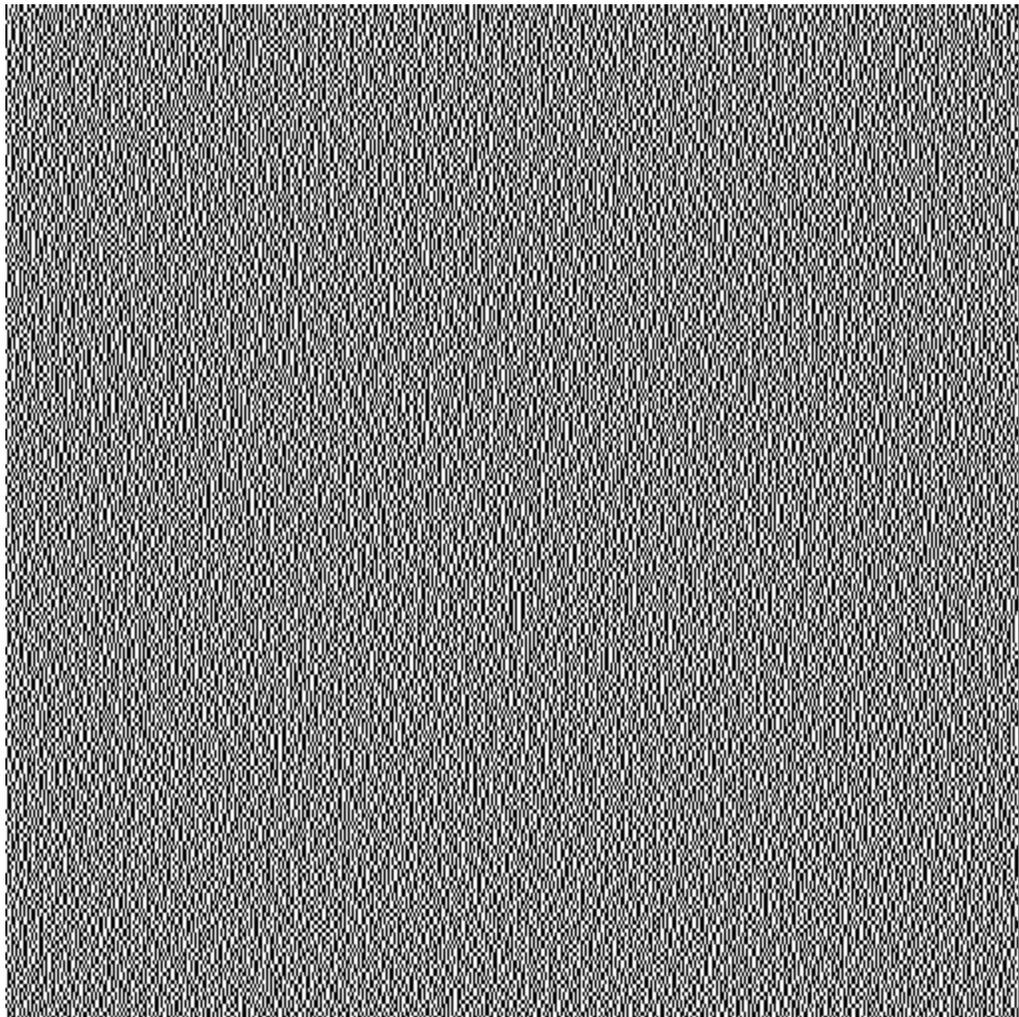


Ce que l'on voit en superposant les deux !





A imprimer sur une feuille



A imprimer sur un transparent



Ce que l'on voit en superposant les deux !



A imprimer sur une feuille



A imprimer sur un transparent





Ce que l'on voit en superposant les deux !



